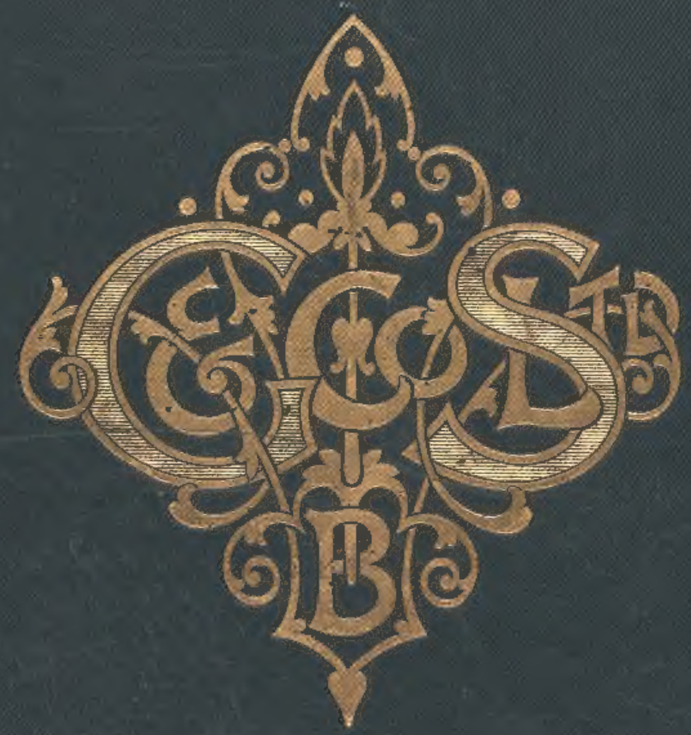

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INDEX.

A

PAGE

Actions, Venetian Blind 35
Adzes, House 63
Air Bricks 205
Altar Rails and Standards .. 322
Anvils 75
Apron Knobs 91
Arch Lamps 302, 303
Arches, Garden 84
Area Gratings 310
Ashes Pans 117
Ashpit Door 329
Ashpit Gratings 188
Augers 61, 67
Axes 63, 67
Axle Pulleys 18
Axles 89, 90

B

Bakers' Oven Apparatus 188
Baking Pans 187
Balconettes 290, 292, 293
Balconies 292
Baluster Bars ... 208, 291–293
Balustrades, Iron ... 282, 291, 292
,, Pulpit... 323
Bands, Curtain 45
Bands for Rain Water Pipes 106, 107
Bannerettes 299-301
Bar Iron 103
,, Staples 20
Barb Fencing Wire 86
Barrow Wheels 83, 190
Barrows, Garden 83
,, Navvy 83
Bars, Baluster ... 208, 291–293
,, Chimney 310
,, Crow and Jumper 83
,, Furnace 188
,, Gothic 146
,, Guard 310
,, Leamington 146
,, Locking 20
,, Newel... ... ... 208, 291
,, Shutter 33
Basins, Lavatory 195, 196
Baths and Fittings 192, 193
Bead, Carriage 94
Bell Furniture 54, 55
,, Levers 10–12, 29
,, Pulls 28-30
,, ,, Mediæval 312
,, Slides 28
Bells, Alarm 54, 55, 230
,, Electric 58, 59
,, House 54
,, School 230
Bellhangers' Gimlets 61
Bellows, Smiths' 74
Bench Stops 63
,, Screws 82

PAGE

Bench Vice 75, 82
Bent Timber and Shafts 90
Binnacle Rings 35
Bits, Brace 61, 62
,, Plough 62
Blind Actions 35
,, Cord 35
,, Ends 36
,, Furniture 36
,, Hooks 35
,, Mountings 36
,, Posts 294
,, Punching Machine 73
,, Rollers and Laths 36
,, Rack Pulleys 36
,, Web 35
Block Tin 103
Blocks, Pulley 80, 81
Blow Lamps 68
,, Pipes 68
Boilers, Hot Water .. 110, 111
,, Portable 188
,, Range 187
Bolt Clipper 67
Bolts and Nuts 100, 102
,, Espagniolette 17
,, Mediæval 311
,, Stable 6
,, various 16, 17
Book Desk Standards 323
Book-shelf Fittings 25
Bossing Sticks 76
Boundary Posts 208
Braces 63, 70
Brackets, Cornice Pole 41
,, Counter Rail 38
,, Electric Light 305
,, Flushing Cistern ... 198
,, Fluted Tinned 40
,, Gas ... 162–164, 321
,, Hand Rail 33
,, Harness 227, 228
,, Hat Rail... 33
,, Ladder 79
,, Oil 314, 315
,, Outside Lamp 214, 302–304
,, Picture Rod 46
,, Roller Blind 36
,, Shelf 40
,, Shop Front 332
,, Table Flap 25
,, Towel Rail 33
,, Water Closet Seat ... 198
,, Window Guard... ... 38
,, ,, Lath 40
Bradawls 61
Brake Blocks 92
,, Handles 94
,, Ironwork 93
,, Screws 92
Brass Cased Picture Rods ... 46
,, Headed Nails 46

PAGE

Brass Rods 103
,, Sheets 103
,, Tubes... 103
Breast Drills 70
Breeching Staples 91
Bricklayers' Hod 83
Bridges, Foot 280
Brushes, Flue 187
,, Painters' and Plasterers' 60
Buckets 83
Budget Locks 91
Buffers, Indiarubber ... 92, 198
Burn Brands 67
Burner Taps 69
Buttons 36

C

Cabin Hooks 31
Cabinet Escutcheons 39
,, Handles 39
,, Hinges and Fronts ... 39
Callipers 63
Capping, Roofing 85
Card Frames 38, 312
Cart Arms 89, 90
,, Brake Screw 92
,, Ironwork 93
,, Springs 88, 90
,, Steps 93
Carpenters' Cramps 82
Carpet Pins 47
Carriage Beading 94
,, Door Handles 94
,, Hinges 94
,, Lamps 95
,, Lifting Jacks 230
,, Pole Heads 92
,, Steps 91, 93
Casement Fasteners 32, 239, 240
,, Hooks and Eyes .. 31
,, Stays 31, 241
Casements, Wrot Iron ... 237–246
Castor Rims 39
Castors, various 38, 39
Catches, Fanlight 31
,, various 35
Cattle Troughs 226
Ceiling Centres 204
,, Hooks 35
Cellar Hoist... 307
Centre Bits 62
,, Door Knobs ... 28, 30
Chace Wedges 76
Chain 103
,, Chandelier 45
,, Jack 18
,, Picture 45
,, Sash, Harcourt's 18
Chains, Curtain 45
,, Door 16
,, Manger 229

PAGE

Chains, Pillar 229
,, Rock 229
,, Tail Board... 92
Chair Nails 47
Chalk Lines 65
,, ,, Reels 65
Chancel Rails and Gates ... 270, 271
,, Screens 272, 273
Chandelier Chains 45
Chandeliers, Gas 167–169
Channels, Steel 339
Chest Handles 38
Choir Desk Standards 323
Chimney Bars 310
,, Cowls 203
,, Pieces, Enamelled Slate 148–148D
,, ,, Iron ... 125–127
,, ,, Marble and Slate 148–153
,, ,, Wood ... 154–161
,, Sweeping Machine ... 79
,, Tops 203
Chipping Knives 76
Chisels, various 61, 62
Church Lights, Oil ... 314, 315
Cisterns, Flushing 199
,, Hot Water 187
,, Open 187
,, Supply 109, 187
Cistern Pulls 198
,, Valves 198
Cleat Hooks 35
Clothes Post Socket 190
Closets, Earth 232
,, Water 197, 198
Closet Fittings, Earth ... 231, 232
,, ,, Water ... 197-199
,, Seats 198
,, Valve 198
Coach Fittings 88-95
,, Screws ... 100, 102
,, Wrenches 63
Coal Hoppers 329
,, Plates 190
Cocks, High Pressure 191
,, Range 191
Coffin Furniture 50-53
,, Nails 52
,, Screws 52
Coil Cases 109
Coils, Hot Water 109
Coke Breaker 175
Columns 332, 333
Compasses 63
Compound Girders 339
Conductors, Lightning 57
Connections, Joist Girders ... 340
Conservatories, Window 247
Contractors' Tools... 83
Copper, Bar... 103
,, Sheets 103

PAGE

Cornice Plates 45
,, Poles 43
,, ,, Brackets 41
,, ,, Ends 42
,, ,, Joints 43
,, ,, Rings 43
,, Slides 43
Corn Bins 231
,, Meter 231
Corner Cramps 82
Coronæ, Gas 317, 318
,, Oil 315
Corrugated Iron Doors ... 330, 331
Counter Guard 41
,, Measures 24
,, Rail Brackets 38
Countersinks 62
Covered Ways 283-285
Covers, Inspection 189
,, Manhole 189
,, Meter 189
Cow Shed Fittings.. 229
,, Ties 229
Crab Hoists 80, 81
,, Winches 81
Cramps, Carpenters' 82
,, Flooring 82
Cranes, Jib 307
,, Travelling 337
Cresting for Gates 310
,, for Ridging ... 213, 289
Crow Bars 83
Cup Hooks 35
Cupboard Catches 35
,, Turns 38
Curtain Bands 45
,, Chains 45
,, Hooks 40, 41
,, Pulleys 43
,, Rails 44
,, Railway 43
,, Rings 40
,, Rod Ends 42
Cutting Gauges 61
Cylinders, Hot Water 187

D

Dampers and Frames 188
Dash Beading 94
,, Handles 93
,, Irons 93
Dead Light, Continuous 205
Desk Rails 38
,, Standards for Churches, etc. 323
,, and Seat Fittings 209
Desks, Pulpit 323
Diamonds, Glaziers' 76
Dinner Lifts... 309
Dog Cart Fastenings 92
,, ,, Ironwork 93
,, Kennel Railing 236

PAGE

Dog Stove Backs ... 146
,, Stoves ... 146, 147
,, Troughs ... 226
Dome Lights ... 250, 251
Door Alarms ... 54, 55
,, Chains ... 16
,, Grilles 206, 277, 293-295, 312
,, Handles ... 8
,, ,, Mediæval ... 311, 312
,, Hinges ,, ... 313
,, Knobs ... 28, 30
,, Knockers ... 28-30
,, ,, Mediæval ... 312
,, Latches ... 6, 7
,, ,, Mediæval ... 311
,, Numbers ... 34
,, Rollers ... 19, 20
,, Scrapers ... 188
,, Springs ... 23
,, Stops ... 23
,, Strap, Hooks, and Staples ... 23
Doors, Ashpit ... 329
,, Corrugated Iron ... 330, 331
,, Furnace ... 109, 188
,, Insurance or Warehouse 325-328
,, Oven ... 188
,, Soot ... 109, 188
,, Strong Room ... 328
,, Ventilating ... 331
Drag Shoe ... 91
Drain Cleansing Machine ... 79
Draught Bead ... 25, 26
,, Excluders ... 25, 26
,, Tube ... 25
Drawer Handles ... 38
,, Knobs ... 36
,, Pulls ... 38
Drawing Knives ... 62
Dressers, Plumbers' ... 76
Drills ... 69, 70
,, Breast ... 70
Drilling Machines ... 72-74

E

Earth Closet Fittings ... 231, 232
,, Closets ... 232
,, Rammers ... 188
Electric Bell Furniture ... 58, 59
,, ,, Pushes ... 30
,, Light Brackets ... 305
Enamelled Slate Chimney Pieces 148-148D
Enclosures for Lifts ... 306
Ends, Cornice Pole ... 42
,, French Rod ... 43
,, Picture Rod ... 46
,, Roller Blind ... 36
Entrances for Hotels ... 285
Escutcheons, Cabinet ... 39
,, Carriage ... 91
,, Mediæval ... 311
Espagniolette Bolts ... 17
Expanded Metal ... 87
Eyes, Lashing ... 35
,, Sash ... 33, 35
,, Screw ... 35
,, Stair ... 48

F

PAGE

False Bottoms Ranges ... 187
Fanlight Catches ... 31
,, Openers ... 27
,, Stays ... 31
Fasteners, Casement 32, 239, 240
,, Sash ... 32
,, Shutter ... 33
Fastenings, Dog Cart ... 92
Felt, various ... 87
Fencing, Continuous Bar ... 234
,, Garden ... 235
,, Lawn Tennis ... 236
,, Poultry ... 236
,, Staples ... 86
,, Styles ... 236
,, Unclimbable ... 235, 236
,, Wire ... 233
Fender Kerbs, Iron and Brass ... 114
,, Marble ... 148
Field Gates ... 236, 275
Figures, Copper Enamelled ... 34
,, Iron ... 67, 190
Files ... 71
Finger Plates ... 10-15
Finials, Cast Iron ... 207
,, Wrought Iron ... 299-301
Fire Escapes ... 281
,, Extinguishing Appliances ... 194
Fireiron Rests ... 114
Fittings, Book Shelf ... 25
,, Coach ... 88-95
,, Earth Closet ... 231, 232
,, Gas ... 55, 56, 171
,, Gas, for Churches, &c. 317-321
,, Greenhouse ... 85
,, Mediæval Iron Door 311-313
,, Muslin Curtain ... 40
,, Pew ... 312
,, Rain Water ... 105-107
,, School Desk ... 209
,, Shop Window ... 24, 25
,, Speaking Tube ... 57
,, Stable ... 217-231
,, Water Closet ... 197-199
,, Wrought Gas Tube ... 98
Flitch Plates, Steel ... 339
Flooring Awls ... 61
,, Cramp ... 82
Flue Brushes ... 187
,, Plate ... 109
Flushing Cisterns ... 199
Flush Rings ... 35
,, Catches ... 35
Fluted Brackets ... 40
Font Covers ... 324
Foot Bridges ... 280
,, Rests ... 91
Fore Carriages ... 92
Forges, Portable ... 74
French Rod Hooks ... 43
,, Ends ... 43
Furnace Bars ... 188
,, Doors ... 109, 188
,, Gratings ... 188
,, Pans ... 188
,, Portable ... 188
Furniture, Bell ... 54, 55
,, Blind ... 36
,, Coffin ... 50-53

PAGE

Furniture, Electric Bell ... 58, 59
,, Entrance Door 28-30
,, Lock ... 9-15
,, Spring Blind ... 36

G

Galvanized Corrugated Sheets ... 85
Gantry Work ... 337
Garden Arches ... 84
,, Barrows ... 83
,, Fencing ... 235
Gas Bar Lights ... 171
,, Blocks ... 171
,, Brackets ... 162, 164, 321
,, Burners ... 56, 171, 172
,, Chandeliers ... 167-169
,, Consumers ... 171
,, Cooking Stoves ... 173
,, Fittings ... 55, 56, 171
,, Fittings for Churches, &c. 317-321
,, Globes ... 162, 171, 172
,, Pendants 165, 167, 171, 316, 317
,, Pliers ... 70
,, Shades ... 172
,, Stoves ... 173
,, Tongs ... 70
,, Tubes ... 56
,, Wall and Column Lights ... 318
Gate Bell Pulls ... 29, 312
,, Catches ... 190
,, Cresting ... 310
,, Hinges ... 22, 313
,, Hooks and Eyes ... 31
,, Stops ... 190
Gates, Cast Iron ... 215, 216
,, Field ... 236, 275
,, Wrought Iron ... 252-279
,, For Lift Enclosures ... 306
,, Hand ... 236
,, Portable Shop ... 276, 278
,, Strong Room ... 328
,, Ventilating ... 279, 328
Gauges, Cutting ... 61
,, Marking ... 61
,, Mortice ... 61
Gimlets ... 61
Girders, Rolled Steel ... 338
,, Compound ... 339
,, Connections ... 340
Girth Stretcher ... 230
Glass Cutters ... 76
,, Movements ... 38
,, Plates ... 46
,, Pliers ... 76
,, Screws ... 38
Glaziers' Tools ... 76
Glue Pots ... 76
Gouges ... 61
Grates, Elliptic ... 177
,, Interior and Parsons' 144, 145
,, Hob Register 117, 129, 139
,, Mantel Register ... 115, 124
,, ,, Sham ... 115, 131
,, Nursery ... 177
,, Register ... 128-143
,, ,, Tile ... 132-143
,, Rumford ... 177
,, Saddle Room ... 177
,, Sham Register 128, 130, 131

PAGE

Gratings, Air ... 205
,, Area ... 310
,, Ashpit ... 188
,, Channel ... 190
,, Door Step ... 205
,, Drain ... 190, 310
,, Furnace ... 188
,, Garden ... 190
,, Half-Round ... 190
,, Hot Water ... 109
,, Sewer ... 190
,, Stable ... 226
,, Street ... 190
,, Ventilating ... 204, 205
,, Water ... 190
Grave Markers ... 190
Greenhouse Fittings ... 85
,, Opening Gear 248, 249
Grills, Shop Front 206, 277, 293-295
,, Door and Window 206, 277, 293-295, 312
Grindstone Trough and Fittings ... 75
Grindstones ... 75
Grooved Railway for Curtain ... 43
Guard Bars ... 310
,, for Water Pipe ... 104, 105
,, Shop Counter ... 41
Gutter Brackets ... 104, 105
Gutters, Half-Round ... 104, 105
,, Moulded ... 106, 107
,, O. G. ... 104, 105
,, Square and Valley 106, 107
,, Street ... 226
,, Stable ... 226

H

Hacking Knives ... 76
Hall Lamps ... 164, 170
,, Stoves ... 175, 176
Halter Balls ... 229
Hammer Handles ... 75
Hammers ... 65, 67, 75, 83
Handles, Auger ... 61
,, Bradawl ... 65
,, Break ... 94
,, Cabinet ... 39
,, Carriage Door ... 94
,, Chest ... 38
,, Chisel ... 65
,, Cranked Latch ... 9, 311
,, Dash ... 93
,, Door ... 8
,, ,, Flush Sliding ... 20
,, ,, Mediæval ... 312
,, Drawer ... 38
,, File ... 65
,, Hammer ... 75
,, Lifting ... 38
,, Lock ... 9-15
,, ,, Mediæval ... 311
,, Pickaxe ... 83
,, Postal ... 29, 30
,, Sash ... 33
,, Turnscrew ... 65
Handrail Brackets ... 33
,, Screws ... 100
Harness Room Fittings 227, 228, 230
,, Stoves ... 174
Hasps and Staples ... 20

PAGE

Hat Hooks ... 37
,, Pins ... 37
Hatrail Brackets ... 33
Hay Racks ... 222
Heads, Railing ... 210, 211
,, Rain Water ... 105, 107
Hearth Backs, Smiths' ... 75
,, Tiles ... 144A
Hinge Fronts ... 313
,, Cabinet ... 39
Hinges, Cabinet ... 39
,, Carriage ... 94
,, Mediæval ... 313
,, Spring ... 23
,, Various ... 21, 22, 94
,, Wrought Iron ... 310, 313
Hod, Bricklayers' ... 83
Hoists, Cellar, Warehouse, &c. 80, 81, 307, 337
Holders, Umbrella ... 312
Hooks and Eyes ... 31
,, Bridle ... 229
,, Cabin ... 31
,, Ceiling ... 35
,, Cup ... 35
,, Curtain ... 40, 41
,, French Rod ... 43
,, Hat ... 37
,, Hat and Coat ... 37
,, Line ... 35
,, Long Arm ... 33
,, Moulding ... 45
,, Picture Rod ... 46
,, S ... 46
,, Screw ... 35
,, Tassel ... 41
,, Tenter ... 99
,, Trace ... 91, 94
,, Venetian Blind ... 35
,, Wardrobe ... 37
Hoop Iron ... 103
Horse Shoes ... 103
,, Shoe Iron ... 103
,, Pots ... 226
Hot Water Coils ... 109
,, Gratings ... 109
,, Pipes and Fittings 109-111
,, Radiators ... 112, 113
Hotel Cooking Apparatus ... 182
,, Entrances ... 285
Hub Boxing Machine ... 92
Hurdles ... 233
Hydrants ... 194

I

Incandescent Burners ... 172
,, Fittings 165, 167, 172
India Rubber Buffers ... 92, 198
,, Cones ... 198
Ink Wells and Covers ... 209
Inspection Covers ... 189
Insurance Doors ... 325, 328
Iron Angles, Tees, &c. ... 103
,, Bars ... 103
,, Moulded Sash ... 103, 245
,, Sheets, Plates ... 103
Ironwork for Roofs 310, 334, 335
,, Carts ... 93
,, Wood Gates ... 310

J

PAGE

Jack Chain 18
Jacks, Lifting 78
,, Carriage Lifting 230
Jib Cranes 307
Joiners' Stoves 174
,, Tools 61, 67
Joint Rules 60
Joists, Connections 340
,, Rolled Steel 338
Jumper Bars 83

K

Kerbs, Fender, Iron and Brass ... 114
,, ,, Marble 148
Kettles, Well 187
King Heads 310
Kitchen Range Fittings 187
,, Sinks 199
Knives, Chipping 76
,, Glaziers' 76
,, Hacking 76
,, Painters' 76
,, Paperhangers' 76
Knobs, Apron 91
,, Door 28, 30
,, ,, Mediæval 311
,, Drawer 36
,, Sash 38
,, Shutter 10-15, 38
Knockers, Door 28-30
,, Mediæval 312
Knot Holders 35

L

Ladder Brackets 79
,, Web 35
Ladders, Iron 281
Ladles, Melting 76
Lamps, Arch 302, 303
,, Blow 68
,, Bracket 214, 302-304, 314, 315
,, Carriage 95
,, Hall 164, 170
,, Hanging 302-304
,, Outside .. 214, 302-304
Lamp Pillars ... 214, 302-304
Lamps for Church Lighting 314, 315
Lantern Lights 250, 251
Lanterns, Outside ... 214, 302-304
Lashing Eyes 35
Latches, Various 6, 7
,, Mediæval... 311
Latch Handles, Cranked ... 9, 311
Lattice, Galvanized 85
Laundry Stoves 174
Lavatory Basins 195, 196
Lawn Tennis Fencing 236
Lead Pipes 103
,, Sheets... 103
Leamington Bars 146
Letter Box 28
,, Cage... 28
,, Plates 28–30
,, ,, Mediæval 312
Letters 34, 67, 190
Lever Bell Pulls 10-12, 29
,, Opening Gear ... 248, 249
Lewis, Stone 83

PAGE

Lift Enclosures 306
Lifting Handles 38
,, Jacks 78
Lifts, Dinner and Warehouse 308, 309
,, Sash 32
Lightning Conductors 57
Lime Screens 78
Line Hooks 35
,, Sash 18
Lock Furniture 9–15
,, ,, Mediæval... . 311
Locking Bars 20
Locks, Mediæval 312
,, various 1–7
Long Arm Hooks 33
Loops and Rings 91
Louvre Glass Ventilator 25
,, Opening Gear ... 248, 249
Luggage Lifts 309

M

Machine, Blind Punching ... 73
,, Mitre Cutting 82
,, Punching 73
Machines, Chimney Sweeping ... 79
,, Drain Cleansing ... 79
,, Drilling... ... 72–74
,, Hub Boxing 92
,, Mortice... 77
,, Sawing 77
,, Slate Holing 73
,, Tyre Bending 73
Mallets 65, 76
Manger Chains 229
Manhole Covers and Frames ... 189
Mantel Pieces, Enamelled Slate 148A-148D
,, ,, Iron ... 125–127
,, ,, Marble ... 148–153
,, ,, Wood .. 154–161
,, Registers 115–124
Mare Pots 226
Marking Gauges 61
Masons' Tools 60–62
Matwell Frames 34
Mediæval Gas Fittings ... 316–321
,, Iron Door Fittings 311–313
,, Lamps 314, 315
Melting Ladles 76
Memorial Brasses 324
Meter Cover and Frame 189
Mills, Mortar 78
,, Paint... 78
Mitre Squares 62
,, Cutting Machines 82
Mortar Mills 78
Mortice Gauges 61
,, Machine 77
Moulding Hooks 45
Mouldings, Picture 45
Mountings, Roller Blind 36
Mouthpieces and Whistles .. 57
Movements, Glass 38
Music Stool Screws 24
Muslin Curtain Fittings 40

N

Nails, Brass Headed 46

PAGE

Nails, Chair 47
,, Coffin 52
,, Door 311
,, various 99–101
Name Plates for Stalls 228
,, ,, Street 190
Navvy Barrows 83
Netting, Galvanized 85
Newel Bars 208, 291
Number Plates 34
Numbers, Pew 312
Numerals, Cast Iron 190

O

Oil Cans 67
,, Stones 76
Openers, Fanlight and Skylight ... 27
Opening Gear 248, 249
Oven Doors 188
Overflows for Baths 192
Over Mantels, Iron .. 123–125
,, ,, Wood ... 156–161

P

Paint Kettles 76
,, Mills 78
Pallet Knives 76
Panel Plates 32
Panelling for Lift Enclosures ... 306
Panels, Cast Iron 206
,, Wrought Iron ... 293, 294
Pans, Meat ... ... * 187
,, Umbrella 312
Pendants, Gas 165-167, 171, 316-318
,, Oil 315
Perforated Zinc 86
Pew Buttons 36
,, Fittings 312
Pickaxe Handles 83
Pickaxes 83
Picture Chains 45
,, Hooks 46
,, Moulding 45
,, Rings 46
,, Rod Brackets 46
,, ,, Ends 46
,, ,, Hooks 46
,, ,, Joints... 43
,, Rods 46
,, Suspenders 46
,, Wire 46
Pig Trough Feeder 226
,, Troughs 226
Pilasters 332–334
Pile Shoes 310
Pillar Chains 229
Pincers 63
Pipe Boxes 89-90
,, Clips 198
,, Wrench 70
Pipes, Compo 103
,, Gas or Water ... 98, 194
,, Hot Water 109
,, Lead... 103
,, Rain Water... ... 104, 105
,, Socket 194
,, Soil 104, 105
,, Square and Rectangular 106, 107

PAGE

Pipes, Stove 104, 105
Plane Irons 62
Planes 66
Plasterers' Tools 60
Plate Racks... 187
Plates, Cornice 45
,, Finger 10-15
,, Iron... 103
,, Letter 28-30
,, Mediæval 312
,, Memorial 324
,, "Push" and "Pull" ... 8
,, Wall 310
Pliers... ... . 63, 70, 76
Plough Bits 62
Plug and Washer for Bath ... 192
,, ,, ,, ,, Basins ... 191
Plumb Bobs 67
Plumbers' Fittings ... ... 19 -201
,, Pots 188
,, Stoves 174
,, Tools 76
Pole Crabs 92
,, Heads 92
Poles, Cornice 43
Porches 84, 283–285
Portable Boiler 188
,, Forges 74
,, Furnace 68, 188
,, Ranges 177
Porticos 284
Portiere Rods 44
Posts, Blind 294
,, Boundary 208
Postal Handles 29, 30
Pots, Plumbers' 188
,, Three Legged 188
Pulley Blocks 80, 81
,, Sheaves 31
Pulleys for Window Sashes 18, 26
,, various 26, 31
Pulpit Desks 323
,, Lights (Gas) ... 319, 320
,, ,, (Oil) 314
,, Railing 323
Pump Rètaining Valve 200
,, Strainer 200
Pumps 200, 201
Punching Bear 73
Putty Knives 76

Q

Quadrant Pulls 28
Quadrants 31

R

Rack Pulleys 36
Radiators, Water or Steam 112, 113
Railing, Area 293
,, Balcony 289, 290
,, Bar Heads .. 210, 211
,, Cast ... 213, 215, 216
,, Chancel 270, 271
,, Dog Kennel 236
,, Fittings 211
,, Pillars, Brass 38
,, Pulpit 323
,, Shop Front, Wrought 288–290

PAGE

Railing, Standards... 208
,, Tomb 212, 274
,, Wrought 252, 279
Rails, Altar 322
,, Rein 93
,, Tram... 83
Rain Water Heads... ... 105, 107
,, ,, Pipes 104, 105
Rammers, Earth 188
Range Boilers 187
,, Kettles 187
Ranges, Close Fire .. 179–186
,, Combined Open and Close 183–186
,, Excelsior 178
,, for Hotels... 182
,, Open Fire 178
,, Portable 177
,, Yorkshire... 178
Rasps 71
Ratchet Brace 70
Reading Desk Standards 323
,, Desks 323
Register Grates 128–143
,, Shams ... 128, 130, 131
,, Top Plates 187
Rein Rails 93
Rhymers 62, 69
Riddles 78
Rings, Binnacle 35
,, Cornice Pole 43
,, Curtain 40
,, Flush 35
,, Head Stall 229
,, Picture 46
Rod, Brass 103
Rods, Picture 46
,, Portiere 44
,, Stair 48
Roller Blind Bolt 94
,, ,, Brackets 36
,, ,, Ends 36
,, ,, Mountings 36
Rollers, Door 19, 20
,, Sash 9
,, Venetian Blind 35
Roof Ironwork ... 310, 334, 335
Roofing, Corrugated 85
Roofs, Light Wrought Iron 250, 251
,, Stall 336
Rope, Wire 81
Ropes, Scaffold 78
Rules... 63

S

Sack Trucks 231
Saddle Airer 230
Sash Bead Screws and Cups ... 100
,, Centres 32
,, Chain 18
,, Cord 18
,, Eyes 33, 35
,, Fasteners 32
,, Handles 33
,, Iron 103, 245
,, Knobs 38
,, Lifts 32
,, Line 18
,, Openers 26

PAGE

Sash Pulleys ... 18, 26
,, Rollers ... 9
,, Stops ... 33
,, Tools ... 60
,, Wedges ... 33
,, Weights, Cast Iron ... 188
,, ,, Lead ... 103
Sashes, Guard Bar ... 243
,, Wrot Iron Mitre Joint 242–246
Saw Bench ... 77
,, Pads ... 64
,, Sets ... 63
,, Spindles ... 82
Saws, various ... 64, 65
Scaffold Ropes ... 78
Scissors, Paper Hangers' ... 76
Scrapers, Door ... 188
Screens, Chancel ... 272, 273
,, Lime ... 78
Screw Boxes and Taps ... 62
,, Eyes ... 35
,, Hooks ... 35
,, Jacks ... 78
,, Plates ... 69
,, Taps, Taper and Plug ... 69
Screws, Bench ... 82
,, Brass Wood ... 96
,, Cart Brake ... 92
,, Coach ... 100, 102
,, Coffin ... 52
,, Glass ... 38
,, Handrail ... 100
,, Iron Wood ... 96
,, Mediæval ... 311
,, Music Stool ... 24
,, Shutter ... 33
Seat Standards ... 209
Seats, Closet ... 198
Shaft Stops ... 94
,, Tips ... 91
,, Treads ... 92
Shafts ... 90
Shave Hooks ... 76
Shears, Tinman's Hand ... 63
Sheet Brass ... 103
,, Copper ... 103
,, Iron ... 103
,, Lead ... 103
,, Zinc ... 103
Sheets, Roofing ... 85
Shelf Brackets ... 40
Shelves for Strong Rooms ... 329
Shoes, Pile ... 310
Shop Counter Guard ... 41
,, Front Brackets ... 332, 333
,, ,, Columns ... 332, 333
,, ,, Pilasters ... 332, 333
,, ,, Signs ... 288-290
,, Stoves ... 174
,, Window Fittings ... 24, 25
Shovels ... 83
Shutter Bars ... 33
,, Knobs ... 10-15, 38
,, Screws ... 33
,, Shoes and Fasteners ... 33
Sieves ... 78
Signs, Name ... 294-298
,, Shop Front ... 288-290

PAGE

Silicate Cotton ... 87
Sill Bars ... 49
Sink Traps ... 190
Sinks ... 199
Skeps, Tipping ... 83
Skew Rabbet Irons ... 62
Skylight Openers ... 27
Skylights, cast ... 205
,, corrugated iron ... 205
,, wrought ... 251
,, zinc ... 205
Slag Wool ... 87
Slate Chimney Pieces ... 148-148D
,, Holing Machines ... 73
Slaters' Tools ... 67
Sliding Bevels ... 62
Sluice Valves ... 194
Slop Hopper and Trap ... 195
Smiths' Anvil ... 75
,, Bellows ... 74
,, Hammers ... 75
,, Hearth Backs ... 75
,, Tools ... 69–75
,, Troughs ... 75
,, Vices ... 75
,, Water Bosh ... 75
Soft Moulding Irons ... 62
Soil Pipes ... 104, 105
Solder ... 103
Soldering Irons ... 76
Soot Doors ... 109, 188
Spades ... 83
Spanners ... 70
Speaking Tube Fittings ... 57
Spirit Levels ... 63
Spokeshaves ... 62, 66
Spoke Trimmer ... 67
Sponge and Brush Rack ... 229
Spring Blind Furniture ... 36
,, Catches ... 35
,, Shackles ... 91
Springs, Door ... 23
,, Van and Cart ... 88, 90
Square Rabbet Irons ... 62
Squares ... 62
Stable Fittings ... 217–231
,, Gutters ... 226
Stair Rods ... 48
,, ,, Eyes ... 48
Stair Treads ... 34
Staircases ... 280–282
Stall Board Plates ... 34
,, Roofs ... 336
Stamps, Name, &c. ... 67
Stanchions ... 333, 334
Stand, Water Closet Seat ... 198
Standards, Altar Rail ... 322
,, Candle ... 319
,, Gas ... 319, 320
,, Oil ... 314
,, Railing ... 208
,, Reading Desk ... 323
Staples, Breeching ... 91
,, Cap ... 5
,, Fencing ... 86
Star Lights, Gas ... 171, 316, 317
Stays, Casement ... 31, 241
,, Fanlight ... 31

PAGE

Stays, Quadrant ... 31
Steam Radiators ... 112, 113
Steel ... 103
,, Channels ... 339
,, Joists ... 338
Step Irons for Sewer Entrances ... 189
,, Plate and Risers ... 34
,, Swell ... 91
Steps, Carriage ... 91, 93
,, Dog Cart, &c. ... 93
,, for Fencing ... 236
Stocks and Dies, various ... 69
Stone Hammers ... 83
,, Lewis ... 83
Stop Cock Box ... 189
Stops, Door ... 23
,, Sash ... 33
Stoves, Dog ... 146, 147
,, Elliptic ... 177
,, Gas ... 173
,, ,, Cooking ... 173
,, Harness Room ... 174
,, Heater or Ironer ... 174
,, Hot Air ... 175, 176
,, Joiners' ... 174
,, Laundry ... 174
,, Plumbers' ... 174
,, Rumford ... 177
,, Shop or Cabin ... 174
,, Warming ... 173
Strainers for Wire ... 85, 86
Street Name Plates ... 190
Stripping Knives ... 76
Strong Room Doors ... 328
,, ,, Fittings ... 329
,, ,, Gates ... 328
Stubbs and Plates ... 32
Studs, Bookcase ... 25
Stump Joints ... 91
Styles, Fencing ... 236
Swage Blocks ... 75

T

Table Expanders ... 24
Tail Board Chains ... 92
,, ,, Fastenings ... 92
Tap Wrenches ... 69
Tapes, Measuring ... 63
Taps, Ball ... 191
,, Burner ... 69
,, for Stove Screws ... 69
,, High Pressure ... 191
,, Range ... 191
,, Screw, Taper, and Plug ... 69
Tassel Holders ... 35
,, Hooks ... 41
Terminals, Cast Iron ... 207
,, Wrought Iron 299, 300
Tie Rods ... 310
Tiles, Coloured ... 144A
Tin, Block ... 103
Tinman's Hand Shears ... 63
,, Tools ... 76
Tipping Skeps ... 83
Tomb Railing ... 212, 274
Tongs, Gas ... 70
Tool Baskets ... 67

PAGE

Tool Pads ... 62
Tools, Contractors' ... 83
,, Engineers' ... 69-75
,, Glaziers' ... 76
,, Joiners' ... 61–67
,, Masons' ... 60, 62
,, Plumbers' ... 76
,, Slaters' ... 67
,, Smiths' ... 69–75
,, Tinmens' ... 76
Tortoise Stoves ... 175
Towel Rail Brackets ... 33
,, ,, Hot Water ... 192
Trace Hooks ... 91, 94
Tram Rails ... 83
Tramnell Head ... 67
Traps, P and S ... 195
,, Sink ... 190
Tread Plates ... 91
,, Van Shaft ... 92
Tree Guards ... 234
Trellis, Wire ... 85, 279
Troughs, Cattle ... 226
,, Pig ... 226
,, Smiths' ... 75
Trowels ... 60
Truck Wheels ... 83, 190
Trucks, Sack ... 231
Tube Cutters ... 70
,, Vices ... 69
Tubes, Brass ... 103
,, ,, Cased ... 46
,, Copper ... 103
,, Wrought ... 98
Turn Pins ... 76
Turnscrews ... 61
,, for Brace ... 62
Turnstyles ... 233
Tyre Bending Machine ... 73

U

Umbrella Holders and Pans ... 312
Unclimbable Fencing ... 235, 236
Urinals ... 197

V

Valves, Ball ... 191
,, Cistern ... 198
,, Closet ... 198
,, Safety ... 187
,, Sluice ... 194
Vanes, Weather, Cast Iron ... 207
,, ,, Wrought Iron 299–301
Venetian Blind Actions ... 35
,, ,, Hooks ... 35
,, ,, Punch ... 73
,, ,, Rollers ... 35
,, ,, Web ... 35
Ventilating Doors ... 331
,, Gates ... 279, 328
Ventilators, Air Pump ... 203
,, Archimedean ... 203
,, Arnott's ... 202
,, Exhaust ... 203
,, Greenhouse ... 25, 251

PAGE

Ventilators, Louvre Glass ... 25
,, Mica Valve ... 202
,, New Pattern Venetian 202
,, Round ... 9, 205
,, Sheringham's 202
,, Silk Flap ... 202
,, Sliding ... 9, 205
,, Soil Pipe ... 202, 203
,, Square ... 205
,, Stable ... 226
,, Tobin's ... 202
Verandahs ... 283–287
Vices ... 69, 75, 82

W

Wall Lights ... 318
,, Plates ... 310
,, Ties ... 49
Wardrobe Hooks ... 37
Warehouse Lifts ... 309
,, Doors ... 325–328
Washer Cutter ... 76
Water Bars ... 49
,, Boshes ... 75
,, Closet Fittings ... 197, 199
,, ,, Seat Bracket ... 198
,, ,, ,, Stand ... 198
,, Closets and Fittings 197–199
,, Pillars ... 194
Weather Strips ... 25
,, Vanes ... 299–301
Web, Venetian Blind ... 35
Wedges, Sash ... 33
Wheel Plate ... 73
Wheels, Barrow ... 83, 190
,, Navvy ... 190
,, Truck ... 83, 190
Whip Sockets ... 94
Winches, Crab ... 81
Window Blinds ... 44
,, Casements, Wrot Iron 237-246
,, Conservatories ... 247
,, Guard Bars ... 310
,, ,, Brackets ... 38
,, Guards ... 212
,, Lath Brackets ... 40
Wire, Brass ... 103
,, Copper ... 103
,, Fencing ... 233
,, Galvanized, for Greenhouses 85
,, Garden Arches ... 84
,, ,, Porches ... 84
,, Iron ... 86
,, Netting ... 85
,, Picture ... 46
,, Rope ... 81
,, Strainers ... 85, 86
Wood Rollers and Laths ... 36
Wrenches, Coach ... 63
,, Pipe ... 70
,, Tap ... 69

Z

Zinc, Perforated ... 86
,, Sheets ... 103

BRASS AND IRON CABINET LOCKS.

TILL OR DRAWER LOCKS.

Iron					2¾ inch.
G 1.—One-wheel	4 keyed	..	...	...	2/- doz.
	12 ,,			..	2/6 ,,
G 2 —Two-wheel, tumbler	4 ,,	...	...	...	3/- ,,
	12 ,,	...		..	3/9 ,,
G 2300. Two wheel, tumbler, broad bolt	4 ,,	...	...	...	5/6 ,,
	12 ,,	...		...	6/3 ,,
G 3.—Three wheel, tumbler, brass bolt	4 ,,	...	...	...	6/- ,,
	12 ,,	...		...	6/9 ,,
G 4 -Three-wheel L and cap ward ..	4 ,,	...		..	8/6 ,,
	12 ,,	.		...	10/- ,,
G 2301.—Two-lever, brass bolt ...	4 ,,	...		...	12/6 ,,
	12 ,,	..		...	13/6 ,,

Brass.		1½	2	2½	2¾	3 inch
G 6 —One-wheel tumbler	4 keyed	—	5/6	—	5/6	— doz.
	12 ,,	7/6	6/-	6/9	7/-	— ,,
G 7.—One lever ...	4 ,,	—	5/6	—	5/6	— ,,
	12 ,,	9/6	8/-	8/-	8/-	— ,,
G 8. -One-lever, brass cap	4 ,,	—	11/-	—	11/-	— ,,
	12 ,,	12/6	12/6	12/6	12/6	15/- ,,
G 9 —Two-lever ...	4 ,,	—	12/6	—	12/6	— ,,
	12 ,,	15/-	15 -	15	15 -	17 - ,,
G 10 —Four-lever ...	4 ,,	—	18/-	—	19/-	— ,,
	12 ,,	19/6	19/6	20/-	20/-	22/6 ,,
G 2302 —Two lever, brass cap ...	2 ,,	—	1/10	1/10	1/10	2/- each
G 2303.—Four-lever, brass cap ...	2 ,,		2/3	2/3	2/3	2/6 ,,
G 11.—Four-lever, pin key, curtain ward, brass cap	2 ,,	—	3/3	3/3	3/6	3/9 ,,
G 12.—One-wheel to spring.	12 ,,	—	1/6	—	—	1/10 ,,
G 13.—Two-wheel, plate ward to spring	12 ,,	—	2/2	—	—	2/5 ,,

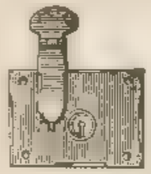
Nos. 9 and 10 are kept in 12 keyed to differ

STRAIGHT CUPBOARD LOCKS.

Iron	3	3½	4 inch
G 14 —Japanned one wheel, tumbler	3	3	3 doz
G 15.— ,, three ,,	4/-	4	4 - ,,
G 2305.—Two-wheel & nose ward, brass bolt	6 9	6 9	6 9 ,
G 16.—Bright two-wheel, plate ward	6/3	6 3	6 3 ,
G 17 ,, three ,, ,, brass bolt	10 -	10 -	10 - .
G 18.—Best two-wheel, L nose and plate	14 6	14 6	14 6 ,,

Brass.	2	2½	3	3½ inch
G 19.—One-wheel, tumbler ...	7/9	8 6	9 8	- doz.
G 20.— ,, ,, screwed cap	12/-	13 -	13 9	— ,
G 22.—One-lever ..	13 -	13 9	14 8	17/6 ,,
G 23 Two ,, long shoot .	15 6	16 6	17 -	19 6 .
G 24 -Three ,, ,, ...	18/-	19	20 -	23 ,,
G 2307.—Two-lever, long shoot, two keyed	1 10	1 10	2	— each
G 25 —Four-lever, curtain ward, two keyed, pin key ...	3.9	3.9	3 9	4/ ,,

All the above locks are double handed



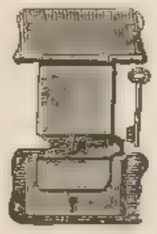
TRUNK LOCKS.

Japanned Iron	3	3½	4 inch
G 43.—Two-wheel, spring	4/-	4 6	5/- dozen
G 46. Three-wheel, tumbler	7/6	8 6	9/ ,,
Brass			
G 47.—Two-wheel, tumbler ...	8/6	10,	11 6 .
G 48. Two-lever, two keyed	1 10	2 -	2 3 each

SCARBOROUGH TRUNK LOCKS, with Patent Secure Joints.

G 2312.—8d. each.

G 2313.—1/- each.



G 2314.—1/4 each.

CUT CUPBOARD LOCKS.

Brass.	2	2½	3	3½ inch.
G 31.—One-wheel and tumbler ...	6/-	6/-	6/-	- dozen.
G 33.—One-lever, blued cap ...	6/-	6/-	6/6	— ,,
G 34.—Two ,, brass ,, ...	14/3	14/3	14/3	17/6 ,,
G 35 —Three ,, ,, ,, ...	24/-	24/-	24/-	29/6 ,,
G 2309. Three-lever, brass cap, two keyed	1 10	1 10	1 10	each.

BRASS LINKING PLATE CUPBOARD LOCKS, Double-Hand.

	2	2½	3	3½ inch.
G 37.—One-lever	1/8	1/8	1/8	2/- each
G 38 —Two ,, brass cap	—	2/6	2/6	2/8 ,,

BRASS PEDESTAL SIDEBOARD LOCKS.

	2½	3	3½ inch.
G 40.—One-lever	1/-	1/-	1/6 each
G 41 —Two ,, brass cap ...	2/-	2/-	2/6 ,,

CIRCULAR BOLT CABINET LOCKS.

ALL BRASS

G 2310. 3 in. Mortice, 2/9 each.

G 2311.—3 in. Cut, 2/9 each

DIRECTIONS FOR ORDERING DOOR LOCKS.

N.B.—In ordering locks for street, room, cupboard, or any other description of DOOR, it will be necessary to state in which of the four following ways the door opens

OUTSIDE OF DOORS.

OUTSIDE OF DOORS

In all cases the reader is supposed to stand FACING THE DOOR, OUTSIDE IT, the lock (unless a mortice lock) being fixed on the inside. It will be sufficient to say "the door opens as No " (quoting the No. of the four drawings). The thickness of the door may also be stated.

Street and room doors usually open as Nos. 1 or 2. The doors of cupboards, sideboards, wardrobes, closets, and cellars mostly open as Nos 3 or 4

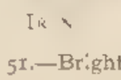
The varieties described represent in many cases but a small selection from those in stock Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS AND IRON CABINET LOCKS AND PADLOCKS.

BOX OR CHEST LOCKS.

Iron	3	3½	4 inch
G 51.—Bright two-wheel, single link	2/6	2 9	3 - doz.
G 52.—Japanned one-wheel, tumbler, double link	3 9	3 9	3 9 ,,
G 53 —Bright two-wheel ditto	4 3	4 3	4/3 ,,
G 54.—Bright three-wheel ditto	6 9	6/9	6/9 ,,
G 2315 —Three-wheel and cap ward	9 -	9 -	9/- ,,
G 55 — Bright two-wheel, L and plate ward	11 -	11	11
G 56. —Tool chest, to lock and spring	2 6	2 6	2 6 each

Brass	1½	2	2½	3	3½	4 inch
G 57 One-wheel, spring, single link	4 3	4 3	4 6			- doz
G 58 —One-wheel, tumbler, double link	4 6	4 6	6 6	7/6		-
G 59 —Two-wheel, tumbler, ditto	11/3	11 3	12 6	14 -		-
G 60 —One-lever, all brass, ditto	15	15/	16	17 -	19/6	27 - ,,
G 61 Two-lever ditto	17/6	17 6	18 6	19/3	22	30 - ,,
G 61A —Ditto, 2 keyed	—	2	2 3	2 6	-	each
G 62 Four-lever, curtain ward, 2 keyed, pin key		3 9	3 9	3 9		



BRASS CAMP DESK LOCKS.

	2	2¼	2½ inch.
G 63. —One-wheel, spring	9d	9d	10d. each
G 64. —Step ward, tumbler, all brass	1/6	1 6	1/8
G 65 —Two-lever, all brass	2/6	2 6	2 6

BRASS WARDROBE LOCKS.

	3½ inch
G 66 —One-lever, black cap	1/- each
G 67 One-lever, blued cap	2/2 ,,
G 68. —Two-lever, all brass	3/2 ,,
G 69 —Link plate, two-lever, all brass	3 6 ,,

KNOBS & SPINDLES for Wardrobe Locks.

Oak	6d. each.
Ebony	6d ,,
White China	5d. ,,
Black ,, ...	6d. ,,
If with gold lines, 3d each extra.	
Moulded Crystal Glass...	2/- ,,
Cut ,, ...	2/8 ,,
If Amber, 6d each extra	

Polished Brass—*see Cabinet Furniture.*

SLOPING DESK LOCKS.

Iron.	3	3½	4 inch.
G 70 —Three-wheel, tumbler ..	9½d.	9½d.	9½d. each.
G 71.—Two-wheel, L ward tumbler	1/6	1/6	1 6 ,,
Brass.	2	2½	3 inch.
G 72. —One-wheel, tumbler	6d	8d	10d each.
G 73. —Three-wheel, ditto	1/6	1/8	1/10
G 74.—Two-lever, all brass	1/10	1/10	1/10 .

BRASS BUREAU LOCKS.

	3	3½ inch
G 75 Three wheel tumbler	1/10	2/8 each.

BRASS PORTFOLIO LOCKS.

	1⅝	2⅛ inch.
G 76. Spring . .	1/1	— each.
G 77 —One-Lever	—	1/10 ,,
G 78.—Two-Lever	—	2/10 ,,

PADLOCKS.

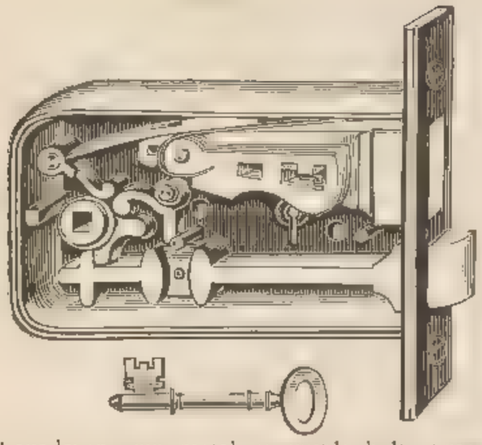
Japanned Iron.	1½	2	2¼	2½	3 inch
G 79.—One-wheel, tumbler .	3 0	3	4 3	4 6	doz
G 80. —Two-wheel do	6	6 6	7 -	7 6	.
G 81.— Ditto bridge ward do.	7 -	7 6	8 -	8 6	.
G 82 —Three-wheel do do		10 -	10 6	11/-	
G 83.—One-wheel, two bridge ward ditto	—	14 6	15	15/6	— .
G 84.—Three-wheel, bridge ward ditto ...		18	1 ,	20/	
G 83A —One-wheel, two bridge ward, 2-keyed ..		1 9	1 10	2 -	each
G 85.—Two-keyed, three-wheel, bridge ward, double cased ...				3 3	3 6 ,,
G 86. Two-keyed, Baron's patent			-		4/- ,,
G 2316.—Two-keyed, two-lever	—		3 -	3 3	3/9 ,,
G 87.—Two-keyed, four-lever			3 0	3 9	4 6 ,,
G 88.—Sets of 6, to differ, and 1 master key ...				8 6	9/6 per set
G 89 —Ditto ditto .				11 -	12/- ,,

Galvanized Iron.	2	2¼	2½	3 inch
G 90 —One-wheel	6	6 6	7	— doz
G 91 —Step and plate ward, brass shackle ...	— 9 6	10 6	11 6	
G 92.—Two-wheel and bridge ward ditto	13	14	15	
G 93.—Three-wheel and bridge ward ditto	23 -	24	25	,
G 91A.—Two-keyed, step and plate ward ditto ...	1 1	1 2	1 4	.. each.
G 93A.—Ditto, three-wheel and bridge ward ditto ...	2 6	2 8	2 10	,,

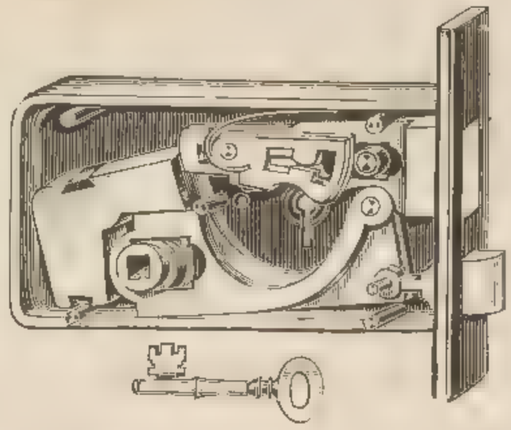
Brass	1	1¼	1½	2	2½ inch
G 94.—One-wheel, spring	2 9	2 9	3 9	.	doz
G 95. Ditto tumbler ..	4	4	5	—	— ,,
G 96 — Ditto spring, large pin	5	5 -	6	—	,,
G 97 One wheel and bridge tumbler		6 -	7/		,,
G 98.—Three-wheel and bridge ditto	—	10 -	11 -	15 6	
G 99 Step ward ditto, all brass	—		11/-	16	24/
G 2317. Four-lever, all brass			24	28	
G 100. Two-keyed, two-lever do.			2 6	3 6	4 0 each.
G 101 —Ditto, four-lever do.				4 -	5 ,,

The varieties described represent in many cases but a small selection from those in stock. When ordering Wardrobe Locks, please state hands, see page 1
Further details and special prices for large quantities will be sent on receipt of requirements.

BEST MORTICE AND RIM LOCKS.

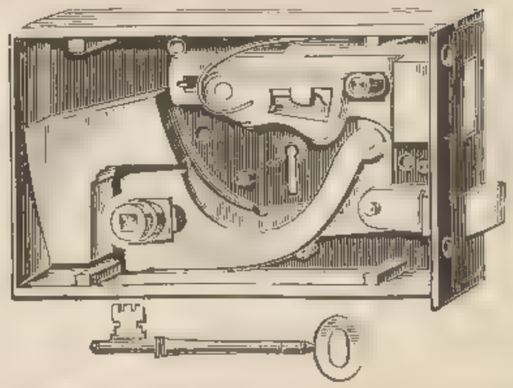


G 2320 Four lever gun metal reversible bolt brass bushed palace m tion, steel follower 6 in. 8/6, 7 in 10 6 each
If made to pass 2d each extra
If made to differ en suite with master key . 1 - ,
Master key 2 9
Ordinary key .. 1 2

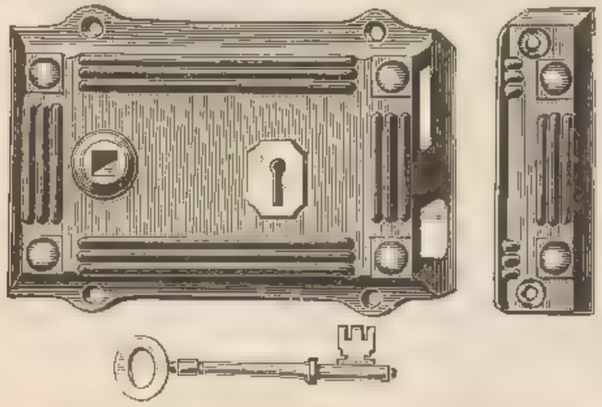


G 2321 Two lever, brass reversible bolt weighted brass bushed steel follower
6 inch 7 6 each

G 2322. One lever sash ward do do japanned case
6 inch 3 6 each.

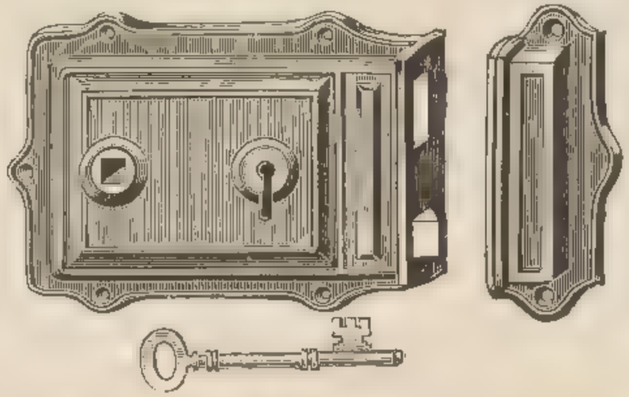


G 2323 One lever weighted brass bolt brass bushed.
6 inch 3 9 each

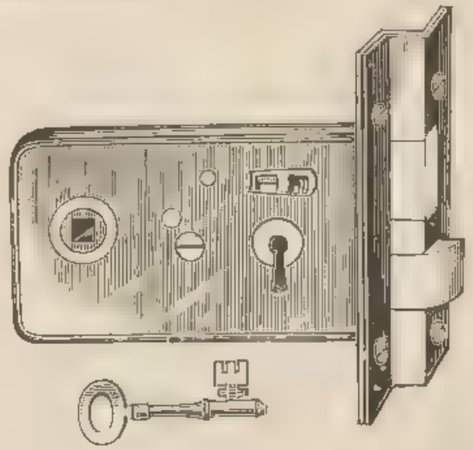


G 2325 Two lever, japanned cast case brass bolt, brass bushed.
6 inch 3 4 each

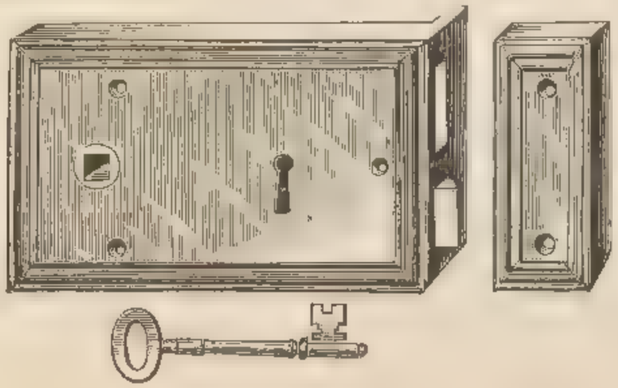
G 2326 -One-lever, japanned cast case, brass bolt, brass bushed
6 inch 3 - each.



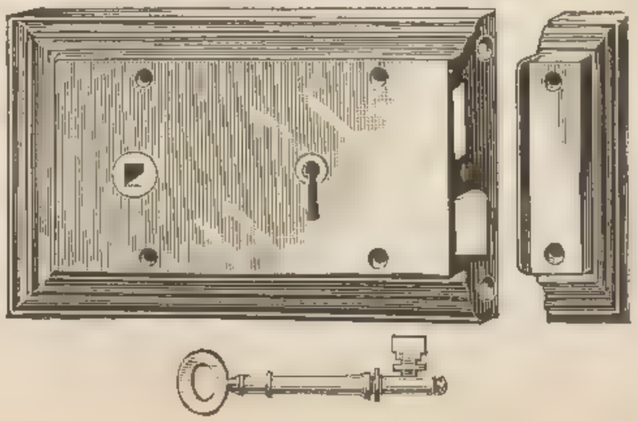
G 2327 One-lever, brass bolt 6 inch 3 2 each
G 2328 One lever, iron bolt 6 ,, 2 9 ,,



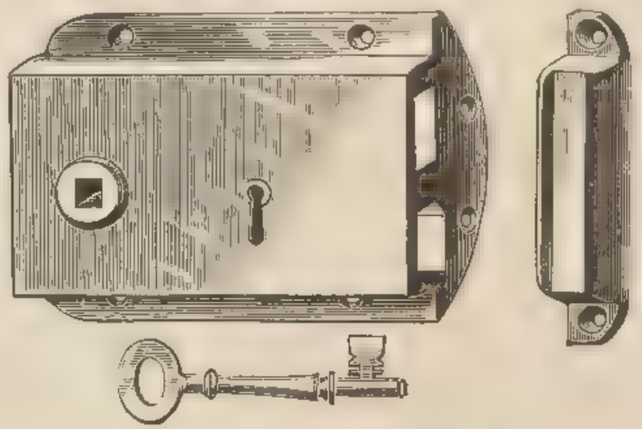
G 2329.—Full rebated, two-lever, brass bolt, brass bushed steel follower
6 inch 12/-, 7 inch 14/- each
G 2330. Do. do. half rebated . 6 inch 7/-; 7 inch 8/9 each



G 2331.—All brass, one lever ... 6 inch 17/6; 7 inch 22/- each.



G 2332 —All brass, sash ward 6 inch 15/6, 7 inch 19/6 each



G 2333.—All brass, sash ward, brass key
6 inch 7/9; 7 inch 12/3; 8 inch 17/6 each

Illustrations are about one third full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. For other patterns see pages 4 and 5.

MORTICE AND GATE LOCKS AND LATCHES.

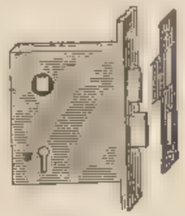
MORTICE SLIDING DOOR LOCKS.

	2½	3	inch
G 111 Brass bolt	4	4 3	each
G 112 —All brass	5 3	5 6	,,
	6	7	inch.
G 2334 —Brass bolt ...	5/6	6/6	each.

	3	3½	4	inch.
G 2335.—All brass, sash ward, one bolt to spring, with follow, gun-metal key ..	7/6	8/-	8/6	each.

MORTICE SASH DEAD LOCKS.

	1½ to 3	3½	4	inch.
G 113.—Sash ward	2/9	3/-	3/6	each.
G 114.—Brass bolt, two-keyed ..	5/8	6/-	6/6	,,
G 115 Four-lever do. ..	8/-	8/	8/-	,,
G 116.—To spring, sash ward ...	2/9	3/-	3/4	,,
G 118.—To lock and spring, solid ward, brass bolt, two-keyed ...	5/6	6/	6/6	,,

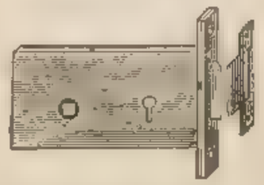


TWO-BOLT MORTICE SASH LOCKS.

	1½ to 3	3½	4	inch.
G 120.—Sash ward	3/6	3/9	4/-	each.
	3	3½	4	inch.
G 2336. Solid brass ward, two keyed ...	6/3	6/9	7/	each.
	1½ to 3	3½	4	inch.
G 121.—Sash ward, half rebated ..	4/-	4 6	5/-	each.

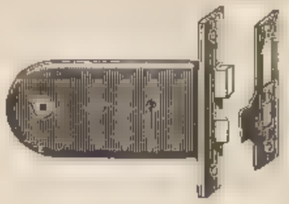
MORTICE DEAD GATE LOCKS.

	2 to 3	3½	4	inch.
G 124.—Fine ward	2/2	2/2	2/9	each.
G 125 —Solid ward, brass bolt	4	4 -	4 6	,,



ONE-BOLT MORTICE LOCKS.

	4	5	6	inch.
G 127.—Sash ward	3/-	3/-	3/3	each.
G 128.—Two-lever	—	—	4/-	,,



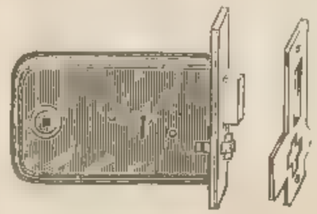
TWO-BOLT MORTICE LOCKS.

	5	6	7	inch.
G 132.—Sash ward		17/	—	doz.
G 133.—Ditto shifting bolt .	19/8	19/8	—	,,
G 134.—Ditto brass bolt ...	21/6	21/6	—	,,
G 2100.—One-lever, double-handed, brass bolts	—	28/9	—	,,
G 135.—Two-lever, shifting bolt ..	—	34/-	—	,,
G 136.—Ditto brass bolt ...	—	37/6	52/	,,
G 138 Solid ward, palace motion, brass bushed, steel follower	—	50/-	—	,,
G 139.—Ditto ditto brass bolt...	—	5/3	6/9	each.
G 141.—Two lever, shifting bolt, brass bushed, steel follower	6/-	6/-	7/9	,,
G 2338 Half rebate, sash ward, brass bolt	3/3	3/3	—	,,
G 145 —Ditto, solid ward, palace motion, steel follower ..	5/6	5/6	7/-	,,
G 2339. Full rebate, sash ward, brass bolt	7/6	7/6		,,
G 148. Ditto solid ward, palace motion, steel follower	9/6	9/6	10/6	

All rebated Locks are kept in stock for ½-inch rebate.

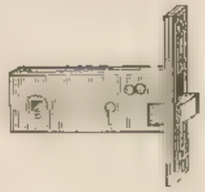
For better qualities, *see page* 3

			6 × ½	inch
G 149A.—All brass mortice locks, sash ward, shifting bolt	...	.	6 3	each
	4 × ¼	5 × ½	6 × ½	inch
G 149B. Ditto ditto, solid ward	6/6	6 9	7/6	each.



ROLLER BOLT MORTICE LOCKS.

			6	inch.
G 140.—Two-lever, palace motion, brass bushed, steel follower			8/-	each.
G 137. Sash ward, ditto ditto			23/-	doz.

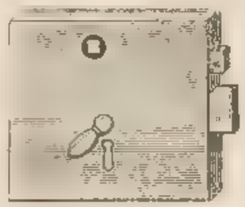


CENTRE BIT MORTICE LOCKS.

G 2337 Sash ward, brass bolt, 5 inch			22/	dozen.
G 150. —One lever, 5 inch			36/6	,,
G 151. Ditto 5 ,, brass bolt ...			37/6	,,
G 152.—Ditto 5 ,, all brass			55/6	,,

DEAD LOCKS FOR IRON GATES.

	4	5	6	inch.
G 154. Fine ward	2/-	2/-	2/10	each
G 155 Solid ward, brass bolt ...	3/9	3/9	4/6	,,



TWO BOLT LOCKS FOR IRON GATES.

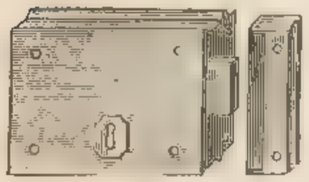
	5	6	7	inch.
G 157.—Fine ward	4/6	5/6	6/6	each
G 158 Solid ward brass bolts	5/6	6 6	8/	
G 159.—Ditto ditto with sham and follower	8/-	10/-	12/-	,,

JAPANNED PRESS LOCKS.

G 160.—Two-wheel, 5 inch			6/-	dozen.
G 161. Three-wheel, 5 inch, brass bolt			12/6	,,
G 162.—Brass sash ward, 5 inch, brass bolt, pin key...			16/3	,,

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. Lock Knobs and Furniture extra see pages 9 to 15. When ordering Locks please state hands, see page 1.

RIM, DEAD, PLATE AND DRAW-BACK LOCKS.

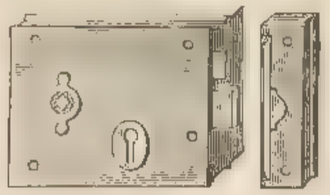


DEAD LOCKS.

	4	5	6	7	8	10	inch.
G 174.—Hook Ward ...	9/-	9/-	11/-	16/-	—	—	doz
G 175.—Do. do. brass bushed ...	11/-	11/-	12/6	18/-	—	—	,,
G 176.—Do. do. broad bolts ...	17/-	17/	20/6	28/			,
G 177.—Brass solid ward, brass bushed, brass bolt	24/	24/-	2[illegible]			—	
G 178. Brass solid ward, brass bushed, brass bolt	—	3/3	3/6	4/3	5/6	8/6	each.
G 2106 Hook ward, brass bushed, brass bolt, double hand	22/6	22/6	24/6	30/6	45/-	—	doz
G 180.—Two-lever, brass bolt	—		3/9	—	-	—	each
G 181. Four-lever, brass bolt			7/-	8/-	10/-	15/6	,,
G 2340.—Solid brass ward, brass bushed, Galvanized	—	—	4/3	—	—	—	,
G 177A.—Brass solid ward, brass bolt brass bushed, two-keyed	2/3	2/9	3		—		.
G 179A.—Brass solid ward, brass bushed, heavy	3/9	3/9	4/-	4/6	6/3	9/6	,,

	4	5	6 inch.
G 183.—All brass, sash wards, gun metal key	5/6	5/9	6/6 ,,

All the above prices include Screws and Staples, except 174, which does not include Staples.

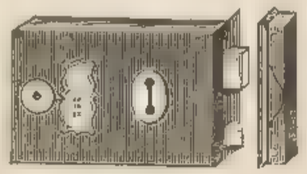


RIM LOCKS.

	5	6	7	8	9	10	inch.
G 190.—Hook ward ..	10/3	10/3	—	—	—	—	doz.
G 191. Do. do. brass bushed	12/9	12/9	18/-	31/6	—	—	,,
G 192 -Do. do solid ward, Scotch spring	—	16/-	22/-	34/6	—	—	,,
G 192B.- Do. do. brass bolt	—	20/-	27/-	39/6	—	—	,,
G 193 -Fine ward, Scotch spring, heavy	—	21/-	26/-	39/6	55/-	75/-	,,
G 193B —Do. do. brass bolts	—	24/6	31/-	43/-	59/6	82/6	,,
G 2341.—Hook ward, brass bushed, steel follower, Scotch spring		3/4	4				each
G 196 Strong solid ward, Scotch Spring	—	2/9	3/6	4/6	6/	7/9	,,
G 197.—Two-lever ...	—	3/3	4/-		—	—	,,
G 198 —Do. brass bolts	—	3/9	4/6		—		,,
G 199 —Solid ward brass bolts, palace motion	—	4/6	5/6	7/-	8/6	10/6	,,

	4	5	6 inch
G 282. All brass, sash ward, bushed follower, reversible bolt, gun metal key	6/-	6/6	7 each.

WROUGHT CASE.

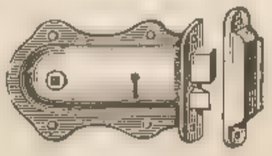


G 2108 —Hook ward, brass bushed, double hand.
6 in 22/6; 7 in. 28/-; 8in. 42/-, doz.

G 2109.—Hook ward, brass bushed, double hand, brass bolts.
6 in. 26/-; 7 in 32/6; 8 in. 47/- doz

G 2342. Solid Ward, brass bolts.
6 in 36/-; 7 in. 46/- doz

NEW PATTERN RIM LOCKS.



	6 inch
G 203.—Steel case, sash ward	14/6 doz
G 204.—Better ditto, with brass bolts	15/6 ,,
G 205 All brass... ...	4/- each

All the above prices include Screws and Staples, but are exclusive of Furniture, for price of which *see pages 9 to 15*

For better quality Rim Locks *see page 3*

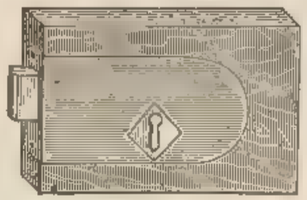
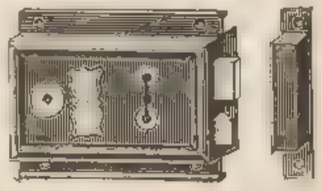


PLATE OR STOCK LOCKS.

	6	7	8	9	10 inch
G 210.—Fine ward	10/6	12/-	13/6	16/6	19/6 doz
G 211.—Best Fine	13/-	15/-	16/9	20/6	24/- ,,
G 212.—Bushed ditto... ...	—	20/6	22/-	25/9	29/6 ,,
G 213.—Bushed, solid ward ...	—	—	3/3	3/6	3/9 each.
G 214. Bushed, solid brass ward, broad bolt ...	—	—	5/-	5/3	5/6 ,,
G 215.—Copper ward, brass bolt	—	—	6/3	7/-	7/6 ,,
G 216.—Fine ward, brass bushed, galvanized ...	—		29/-	33/-	37/ doz
G 217 Two-keyed, bushed, fine ward	—		3/-	3/6	4/- each
G 218 —Two-ring bowed keyed ditto	—	-	5/6	6/	6/6 ,,

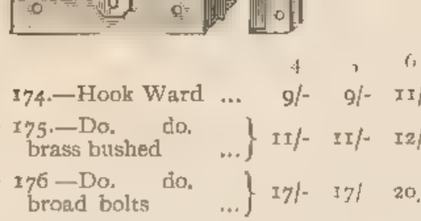
TWO-BOLT RIM LOCKS WITH ORNAMENTAL CASE.

G 2110.—One lever, japanned steel case, 6 in ... 18/9 dozen
G 2110B Ditto ditto brass bolt .. ... 22/- ,,
G 2111.—Ditto ditto cast case, iron bolt ... 22/- ,,
G 2112.—One-lever, all brass ... . 4/3 each.



STAMPED CASE.

G 2343 - Sash ward, brass bolts, brass bushed, double hand
6 inch 22/6 dozen



DRAW-BACK LOCKS.

	7	8	9	10 inch
G 222.—Fine ward	2/6	2/9	4/-	6/- each.
G 223.—Ditto, with back slide ...	3/-	3/3	4/6	6/6 ,,
G 224.—Strong solid ward, bushed ..	—	5/9	7/3	9/- ,,

IRON CAP STAPLES.

	2	2¼	2½	2¾	3 in width inside
G 2114.—	1/4	1/6	1/8	2/-	2/9 dozen.

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DOOR LOCKS, LATCHES AND BOLTS.

BOW LATCHES, WITH BRASS FURNITURE.

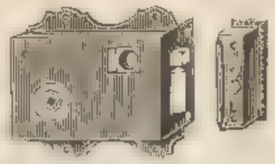
	4	4½ inch.
G 230.—Plain	6/3	6 8 doz
G 231. Bolted	8/-	8/9 ,,

RIM LATCHES, WITH DRILLED THROUGH BRASS FURNITURE.

G 238	Stamped case .	4½ inch	12 doz
G 230	Wrot case, brass bushed	4½ ,,	13 - ,
G 241	brass bolt	4½ .	20 ,

NEW PATTERN, WITH DRILLED THROUGH BRASS FURNITURE.

G 2115.—Steel case. Iron bolt .	4½ inch	...	11/8 doz.
G 243 brass bolt ...	4½ ,,	...	12/6 ,,
G 243 . All brass .. .	4½ ...	...	29/- ,,



G 2344 —Steel case, brass bolt, brass bushed .. } 4½ inch 13/- doz.

BRASS W.C. LATCHES.

G 260.—Iron bolt... 3½ inch ... 2/3 each
G 262 Brass ,, ... 3½ ,, ... 2/9 ,,
NOTE.—Follower omitted in engraving.

HATCH LATCHES.

G 26?. Japanned iron, brass bolts, 3 or 4 inch } 2/3 each.

BRASS SECRET LATCHES.

	2	2½	3 inch.
G 257.	1,8	2/-	2/6 each.

BRASS SHUTTER LATCHES.

	2	2½ inch
G 258 .	1 6	1 8 each

STABLE LOCKS, LATCHES, AND BOLTS.

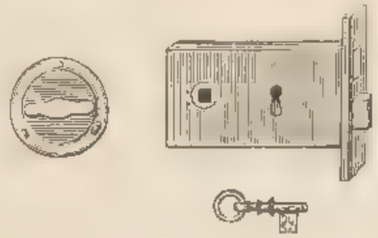
G 2123.
6 in. Brass Bolt Mortice Latch, with brass flush handles.
8/6 each.

G 2124.
6 in. Iron Bolt Flush Latch, with iron flush handle.
3/- each.

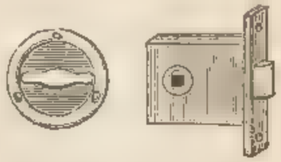
G 2125
Flush Loose Box Bolt

	Size 4½ × 1¾	6 × 1¾ in.
Mall Iron	1/8	2/- each
Brass	4/-	5/- ,,

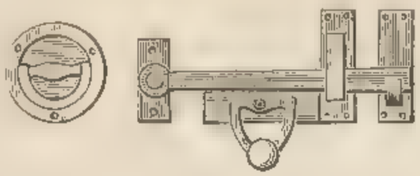
G 2126.
4 in Mortice Dead Lock, with brass bolt.
5 6 each



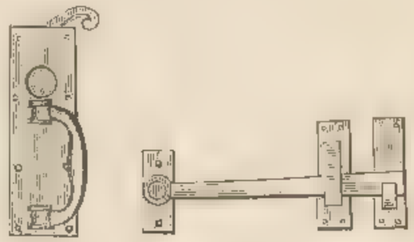
G 2127.
7 in Best Quality Mortice Lock, with ring bow key and brass bolts, brass flush handles, and covered escutcheons
18 6 each



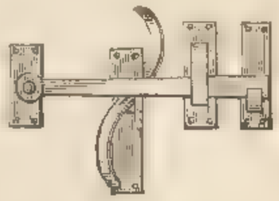
G 2128.
4 in. Best Quality Loose Box Latch, with rounded brass bolt and brass flush handles.
11 6 each.



G 2129.
Malleable Iron Latch, with lever and drop flush handle.
3/- each.
Brass ditto ... ... 8/6 each.



G 2130.
Malleable Iron Latch, with handle to turn back.
3/6 each
Brass ditto ... .. 10/- each.



G 2131

Malleable Iron Latch .	2/6 each.
Brass ditto ..	8/- ,,

G 2345 —Malleable Iron Gate Latch . . .. } 2/- each.
G 2346.—Do. with "W" catch for wood posts to swing both ways . } 2/3 each.
G 2347.—Do. with "S" catch for stone pillars } 2/3 each.

Iron Latch with flush handle

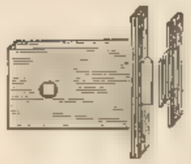
G 2122	2½ × 3½ .	1 each
	3¾ × 4½	1 3 ,,
	3½ × 4½	1/10 ,
Malleable Iron,	3½ × 4½	2/10 ,,

Malleable Iron Gate Latch.

G 2348a.—8 in , with "A" catch	1/3 each.
G 2348b ,, ,, "B" ,, ...	1/3 ,,
G 2349 . 6 in , without plate or catch for Iron Gates .	10 . .

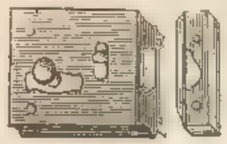
Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

IRON AND BRASS DOOR LATCHES.



MORTICE SASH LATCHES.

	1¼ to 3	3½	4	5 inch.
G 235	2/-	2/3	2/6	3/- each.
G 236, steel follow...	4 3	4/6	5/-	— ,,
G 237, Half rebated	2,9	3/2	—	— ,

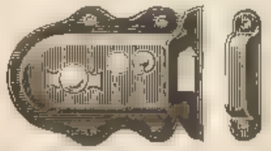


NIGHT LATCHES.

4 inch, 2 Keyed.

		doz.	each
G 244	One-wheel, double-hand	13/6	1/3
G 245.	,, ,, brass bushed, step ward ..	16/-	1/6
G 246	Step ward, double-hand, reversible bolt	24/-	2/3
G 247	Sash ward, brass bushed, pin key to lock	34/-	3 2
G 2350.	—Two lever, brass bolt ..	28,9	2/8
G 248	Two-lever, , best ...	36/-	3/4
G 249.	Four lever	50/-	4/8
G 250.	Four-lever, , strong ...	—	5/6
G 251	—Six-lever, ,, ..		7,6
G 252.	—Two-lever, all brass	—	5/9

NEW PATTERN NIGHT LATCHES.



Stamped Steel Case

4½ inch, 2 Keyed

		doz.	each.
G 2116.	Iron bolt ...	11/8	1/1
G 2117.	—Brass bolt, brass bushed	18,9	1/9

FRENCH LATCHES.

G 254.	—Small	1/8 each
G 255.	—Large ..	2/3 ,,

BALE'S PATENT MORTICE LATCHES.

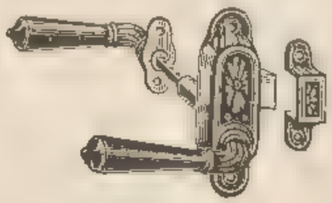
G 259.	No. 3a	4	5	6	7	8
Diameter of bolt ...	9/16	3/8	7/16	½	5/8	¾ inch
	5d.	5½d.	7½d.	9½d	1/-	1/4 each
						⅞ inch

Ditto, ditto, with double-lipped striker, No 008 ... 2/2 each.

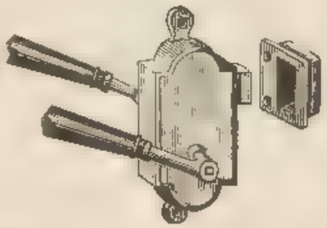
SWING DOOR LATCHES.

G 253.	No. 1	2	3	4
Size of plate	2¼ × ⅝	3¼ × ¾	4½ × 1	6¼ × 1⅛ inch
	1	10d	1 2	2/4 each.

SHOP DOOR LATCHES.

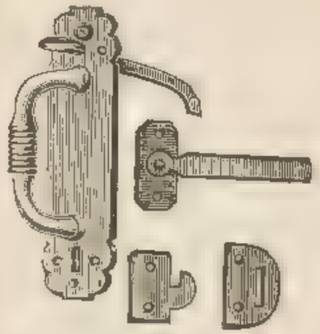


G 2133.—Bronzed iron . .. ... 4 8 each.



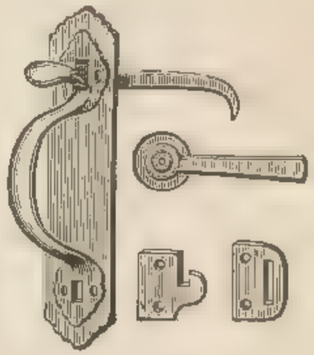
G 2134	—Japanned ...	6 6 each
G 2351.	— ,, to lock with 2 keys ...	7/6 ,,
G 348.	—Nickel plated	8/6 ,,
G 349	— ,, ,, to lock with two keys	15/6 ,,

WROUGHT IRON CANADIAN LATCH.



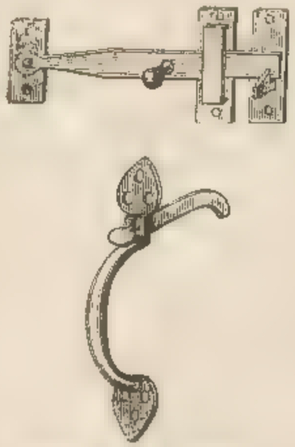
G 2353 —Plate of handle 8½ in. long . } 7 6 doz

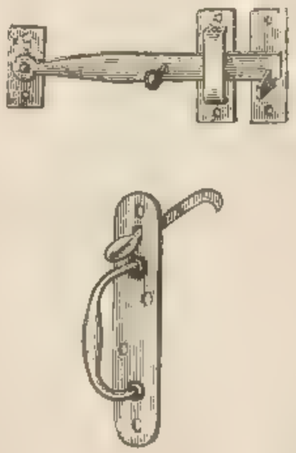
CAST CANADIAN LATCH.



G 2354. —Japanned iron, plate of handle 8 in. long	5,- doz.
G 2118. —Best, plate of handle 8½ in. long .	7/- .
G 2119.—Brass, plate of handle 8½ in long .	4/ each

BRASS THUMB LATCHES.



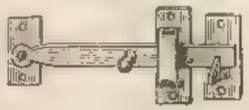


G 269.—Iron Furniture, 7 in. long	2 - each.
G 270.—Brass ,, 4 ,,	3 ,,
G 271.- Iron Furniture, 7 in long	2/- each.
G 272.—Brass ,, 4 ,,	3/- ,,

G 2120.—Brass Furniture, 4 in long — } 4 3 each.

JAPANNED IRON GOTHIC LATCH.

Size No. 2	3	10¼ inches long
Plate of handle 9½	9/3	11/- per doz



JAPANNED IRON SUFFOLK LATCHES.

Size No.	1	2	3	4	5	6	
Plate of handle	7	7½	8	8½	9	9½	in. long.
G 2352. —Common ...	3/-	3/9	4/6	5/3	—	—	per doz
G 264. —Best ...	4/6	5/8	7/-	8/-	—	—	,,
G 265.—Best best...	—	—	—	10/6	12/-	13,6	,,

JAPANNED IRON NORFOLK LATCHES.

Size No.	1	2	3	4	
Plate of handle	7¼	7½	7¾	8	in. long.
G 266 —Common	3/-	3/9	4,6	5 3	per doz.
G 267 —Best ...	4,6	5 8	7	8 -	

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ENTRANCE DOOR HANDLES.

DOOR PLATES
"Pull" or "Push."

G 2137 G 2138. G 2139.

G 2137. - 2½ × 2 in., White China, 6d. each

G 2137. 2 × 1 in., White China, 5d. each.

G 2138. - 2½ × 1½ in., Lacquered or steel bronzed, 7½d. each.

G 2139. 3 × 1⅜ in., Lacquered or steel bronzed, 7d. each.

G 284.
2½ 3 3½ 4½in grip
Iron — 1/8 2/- 3/4 doz.
Brass 5/- 7/6 10/6 — ,,

G 285.—Brass, 1/3 each. Cranked, same price.

G2356.—Brass, 8½ 10 12 in. 4/ 5/- 7/6 pair.

G 288.—Brass, 4/- pair.

G 289.—Brass, 4/6 pair

G 290.—Brass, 4/- pair

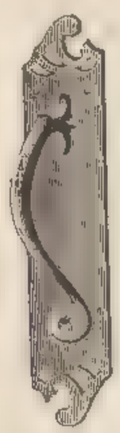
G 2357 —Brass, 5 pair

G 293.—Brass, 5/4 pair. Steel bronzed, 5/10 pair

G 294.—Brass, 4/6 pair.

G 295.—Bronzed, 5/- pair.

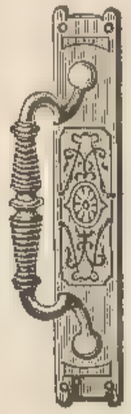
G 2358.—Brass, 13/6 pair.



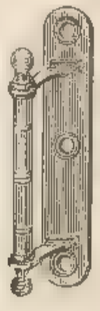
G 2359.—Brass, 15/- pair. G2359S.—Similar pattern, 13/- pair.

G 2360. Brass. 16/6 pair. Coinage metal, 18/- pair

G 2361. Brass, 30/6 pair.



G 2141. Brass, 10/6 pair.



G 296 8 10 in.
Brass 7/- 8/6 pair.
Ebony bar 7/6 9/- ,,

G 314 Brass 5 3 pair.

G313. Brass, 5 3 pair

G298.—Brass, 7/6 pair. Steel bronzed and relieved, 7/6 pair

G 299. Brass, 11/6 pair.

G 300 Brass or bronzed, 12 6 pair

G 305. China Bar, 4/- pair.

G 306. China bar, 4/6 pair.

G 312. Crystal glass bar, 10/ pair. Amber ditto, 12/6 pair.

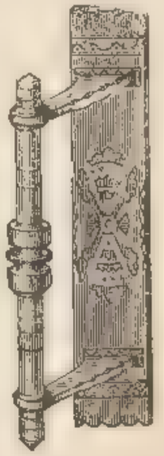
G 313. Cut crystal glass bar, 21/6 pair. Amber ditto, 24/- pair.

G 2362. Ebony bar, 13/6 pair.

G 2363. Ebony bar, 17/- pair.

G 316.
Brass 12/9 pair
Copper bar 12/9 ,,
Ebony ,, 13/9 ,,

G 309. Ebony bar, 22/- pair.



G 310. Ebony bar, 9 in. ... 20/- pair. 12 in. ... 29/6 ,,

G 2140. Ebony bar, 24 - pair.

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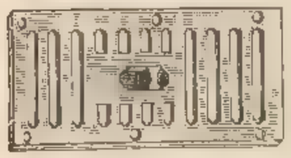
BRASS LOCK FURNITURE, VENTILATORS, &c.

SASH ROLLERS.

Width of plate	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾ inch.
G 420.—Iron ..	—	—	1/3	1/6	2/-	2/6	4/-	4/6	5/-	6/3 per doz.
G 421.—Iron, with brass wheel	—	—	2/3	2/9	3/6	4/-	5/3	—	—	— ,
G 422.—All brass ...	2/-	2/3	3/6	4/-	5/-	7/6	9/6	—	—	— ,,
G 2144.—Do. light...	1/3	1/6	2/-	2/6	3/4	—	—	—	—	— ,,

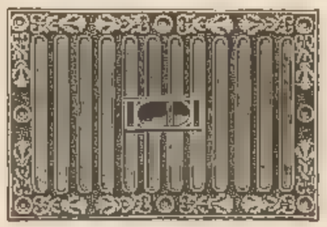
ROUND VENTILATORS.

	2	2½	3	4	5	6	7 inch.
G 480.—Brass ...	10d.	1/2	1/8	2/7	3/6	5/6	8/6 each.
					6	9	12 inch.
G 481.—Ornamental iron ...			...		10½d.	1/8	2/9 each



SLIDING VENTILATORS.

	4 × 1¾	6 × 2½	8 × 4	10 × 4½	12 × 6 inch
G 476.—Malleable Iron	7½d.	1/1	1/9	2/3	3/6 each.
		8 × 4	9 × 4	9 × 6	12 × 6 inch
G 477.—Brass		5/-	5/9	7/9	11/- each
	4 × 3½	6 × 3½	8 × 3½	10 × 3½	12 × 3½ inch.
G 478.—Do .	2	3/9	5/-	6/3	7/6 each.



G 2365.—Ornamental iron,

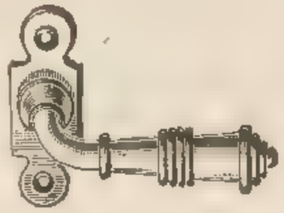
6 × 3¼	9 × 3¼	9 × 6½	12 × 6½ inch.
6½d.	9d.	1/2	1/10 each

G 2366.—With lever for opening and shutting by means of line,

6 × 3¼	9 × 3¼	9 × 6½	12 × 6½ inch.
7½d.	1/-	1/6	2/- each.

CRANKED LATCH HANDLES.

G 335.—Brass knob .. .. 1/- each.
G 336.—China ,, white or black ... 1/3 ,,
G 345.—All brass, reeded knob ... 1/8 ,,



G 347.—Brass .. 1/6 each.

G 2367.—Brass ... 1/10 each.

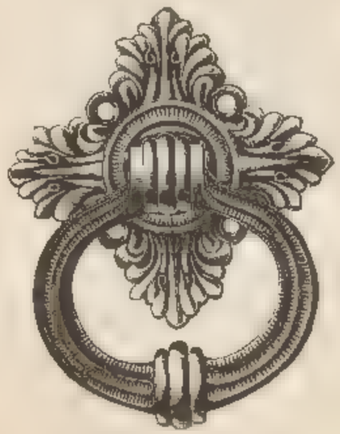
G 2368.—Brass ... 3/6 each.

G 2369. Brass . 3/9 each

G 2370.—Brass .. ... 2/- each.
Ebony, same price.

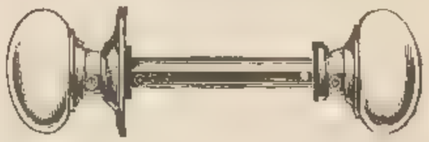
ENAMELLED IRON LOCK FURNITURE.

G 2371.— ... 1/2 each.



G 2372.— ... 1/6 each.

BRASS FURNITURE.



	For Rim Locks. 6	7	8	10	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2⅛	2	2⅛ ,,
G 341.—Drilled through spindle	6/-	6/6	7/6	9/6	9/-	11/3 doz sets.
	7d	7½d.	9d.	10½d.	10½d.	1/1 set

	For Rim Locks. 6	7	8	10	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2⅛	2	2⅛ inch
G 2373.—Mace's, Duce's	9/-	10/-	11/-	—	14/-	15/6 doz. sets.
spindle ...	10½d.	11½d.	1/1	—	1/4	1/6 set.
G 2374.—Mace's, cast do.	—	—	—	3/9	3/4	4/4 ,,
G 2146. Mace's, Wilkes	8/9	9/6	10/6		13/9	15/- doz sets
spindle ...	10d.	11d.	1/-	—	1/3	1/5 set.

	For Rim Locks. 6	7	8	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2	2⅛ inch.
G 2375.—Durable	9/6	10/6	11/3	14/6	16/- doz sets
	11d	1/-	1/1	1/4	1/6 set.

G 2376.—2½ in plain knob inside, 2½ in octagon knob outside
Lacquered, 3/6. Steel bronzed, 4/- set

	For Mortice Locks 6	7 inch.
Diameter of knob	2	2⅛ inch
G 2377.—Pitt's Rose	18/	20/ dozen sets
	1/8	1/10 set

For 5 in. Rim Latches.		Diameter of knob, 1⅝ inch.
G 341 Drilled through spindle .	5/- doz. sets	5½d. set
G 2373.—Mace's, Duce's spindle ..	7/6 ,,	8½d. ,,
G 2375.—Durable...	8/- ,,	9d ,,
Cranked Mortice for 6 in. locks.		Diameter of knob, 1¾ inch
G 341.—Drilled through spindle ...	9/6 doz. sets.	11d. set

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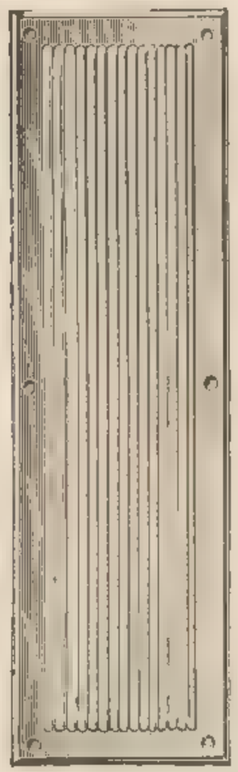
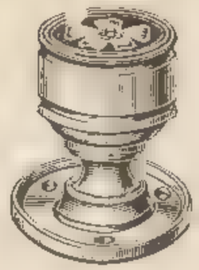
BRASS LOCK FURNITURE.

G 2148.

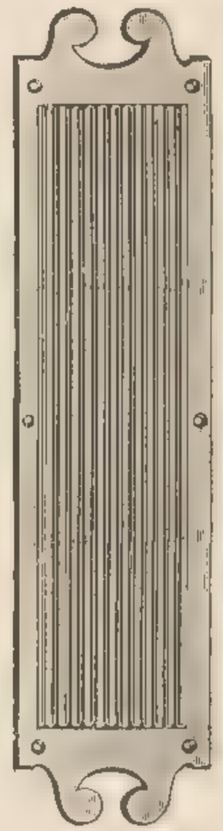
G 342



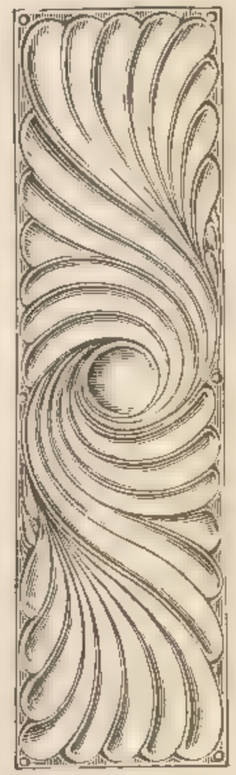
G 313



G 2380.



G 2381



G 2382

	G 2148.		G 342		G 313	G 2380		G 2381	G 2382
Inches	2¼	2½	2	2¼		Brass.	Coppered.		
Two bolt mortice furniture, Pitt's, per set ...	5/-	6/3	—	—	4/6	3/9	4/3	4/3	3/9
Ditto ditto Mace's do ...	—	—	2/-	2,6	4/9	—	—		—
Finger Plates, each	2/10		4/-		9d.	2/9	4/9	2/3	1/3
Bell levers to match, per pair	9/-		—		6/9	5/6	7/-	6/9	5/6
Shutter Knobs, each	—		—		10½d.	5½d.	5½d.		

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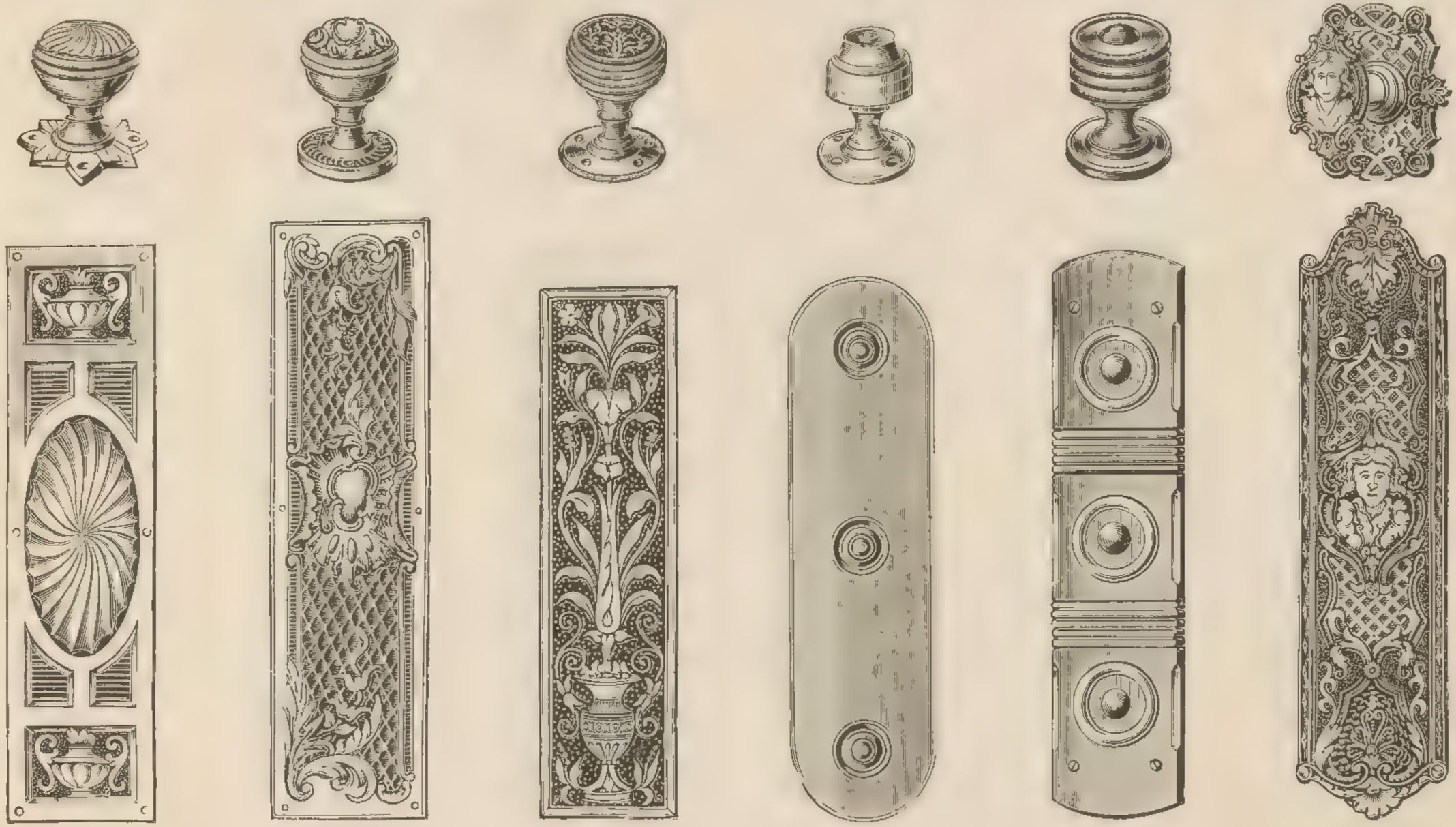
BRASS AND BRONZE LOCK FURNITURE.



G 2384. G 2385 G 6793. G 6794. G 2386. G 2387

	G 2384.	G 2385	G 6793.	G 6794. 1¾ in.	2 in.	2¼ in.	2½ in.	G 2386 Real Bronze.	G 2387 Polished or Metallic Bronzed.
Two-Bolt Mortice Furniture, Pitt's ... per set	5/6	5/6	5 3	3/6	4/6	5/9	6/9	—	18 6
" " " " covered rose "	—	—	—		—			17/-	—
Finger Plates ... ... each	3/-	3/-	1/5		5/-			12/6	11/3
Bell Levers ... ... pair	10/-	10/-	8/6		10/-			20/-	22/6
Electric Push ... ... each	2/3	2/3	5/6		4/-			—	6/9
Shutter Knobs ... ... "	1/-	1/-	1/2		1/2			1/8	—

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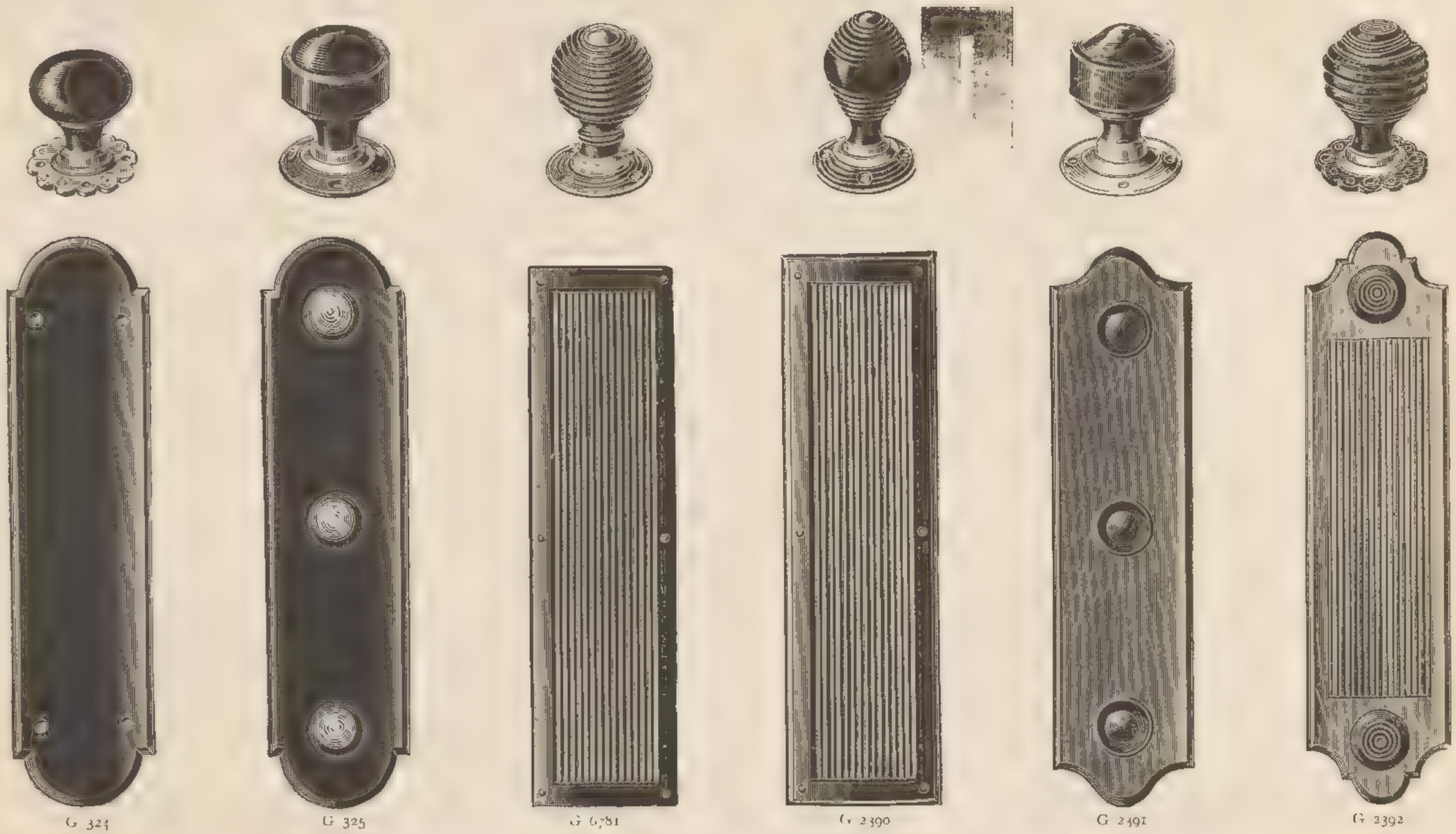
WOOD LOCK FURNITURE.



G 324 G 325 G 6781 G 2390 G 2391 G 2392

		G 324.	G 325	G 6781	G 2390.	G 2391.	G 2392
Two bolt mortice furniture, Wilkes'	per set	1/6	1/6			—	
.. . Pitt's, brass rose	..	2/4	2/4	3/	3/9	3/9	3/9
. Mace's	..	2/4	2/4	3/-	4/	4/-	4/
Finger plates .. .	each	10½d	1/4	1/10	3	2/	3/
Bell levers with wood mounts to match furniture	per pair	4/9	4/9	7/-	7/6	9/	7 6
Shutter knobs	each	2d	2½d.	6d	6d	4d	6d.

Above prices are for either Ebony or Oak. Walnut and Cocus can be supplied at 2d. per set extra on furniture, and 2d each extra on finger plates

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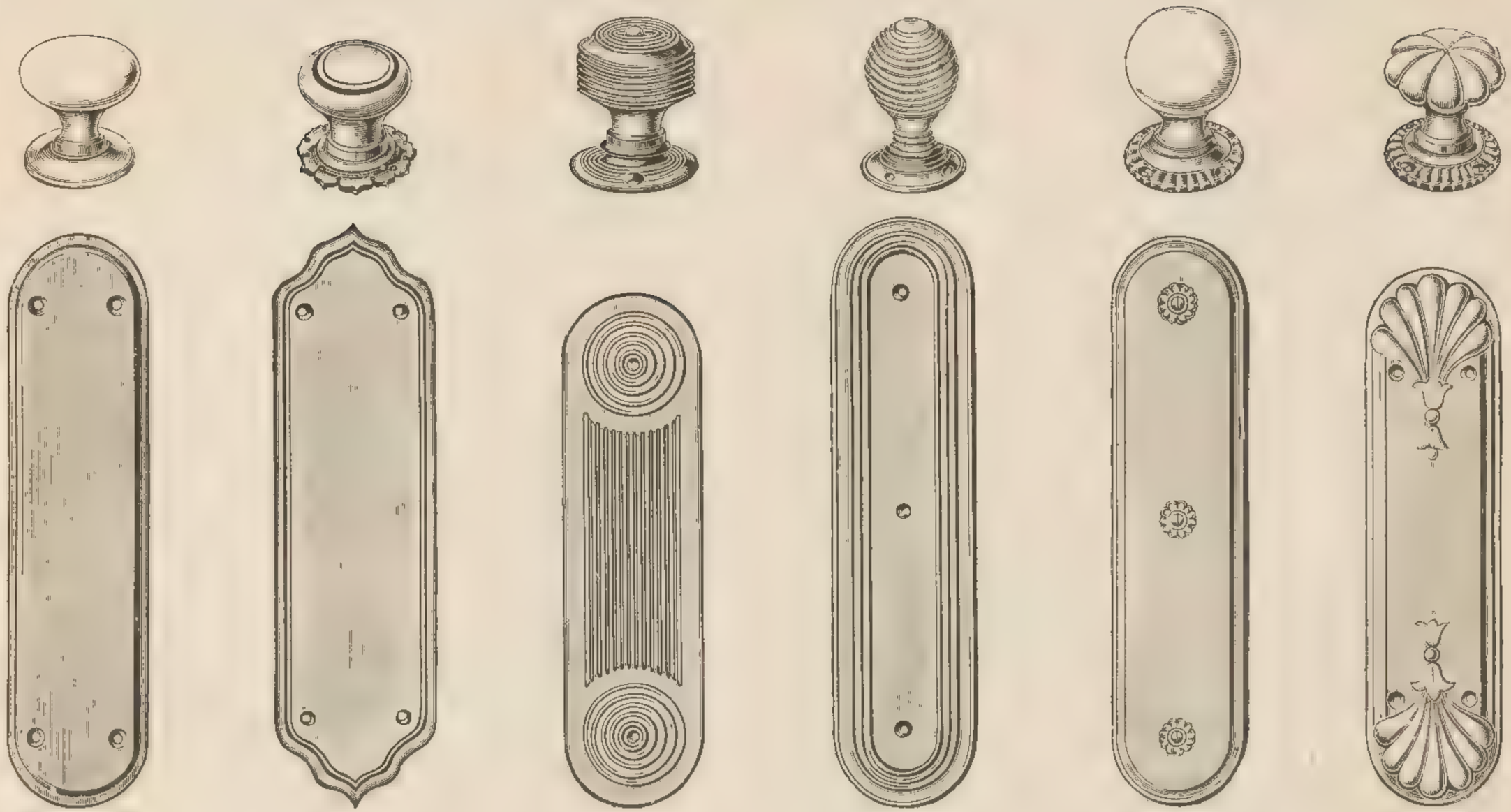
CHINA LOCK FURNITURE.



G 329. G 2394 G 2395. G 6761. G 6762. G 6764

		Drilled through Spindle.	Pitt's Brass Rose.	Mace's Brass Rose.	Mace's China Rose.	Finger Plates.	Shutter Knobs.
G 329.—White	... ...	per set 1/2	1/4	1/10	—	5½d. each.	2d. each.
or Cream	... ...	,, 1/3	1/5	1/11	—	6d. ,,	2d. ,,
G 2394. Black	... .	,, 1/4	1/6	2/-	—	7d. ,,	2d. ,,
White and 2 Gold Lines	...	,, 1/9	1/10	2/4	—	1/1 ,,	4d. ,,
Black ,,		,, 1/11	2/-	2/6	—	1/2 ,,	4½d. ,,
G 2395.—White	.. ..	,, -	—	—	1/6	7½d. ,,	2d. ,,
Cream	... ...	,, —	—	—	1/7	8d ,,	2½d. ,,
Black	... ...	,, —	—	—	1/8	9d. ,,	2½d .
G 6761.—White	... ...	,, —	2/3	—	—	8½d. ,,	2½d .
Cream	... .	,, —	2/4	—	—	9d. ,,	2½d. ,,
Black	... ...	,, —	2/6	—	—	10½d. ,,	2½d. ,,
G 6762.—Cream	... ...	,,	3/3	—	—	11½d. ,,	7d .
G 6764 Cream	... ...	,, —	4/4	—	—	10½d. ,,	9d

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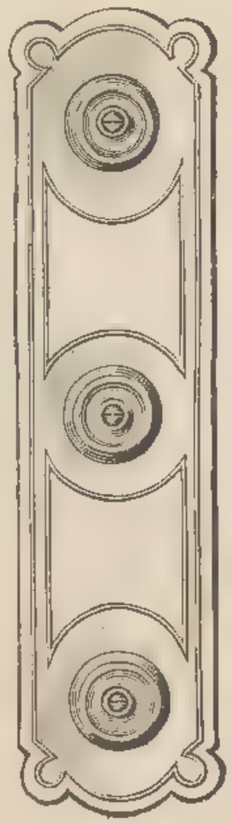
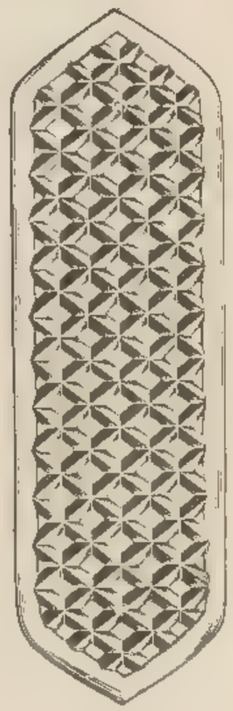
CHINA AND GLASS LOCK FURNITURE.



G 2398

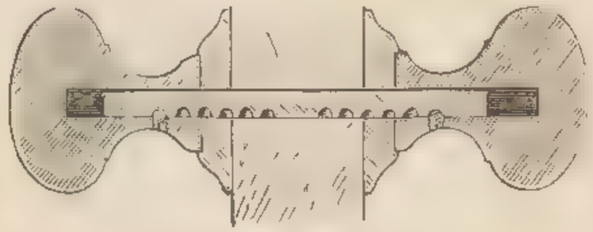
G 338.

G 340.

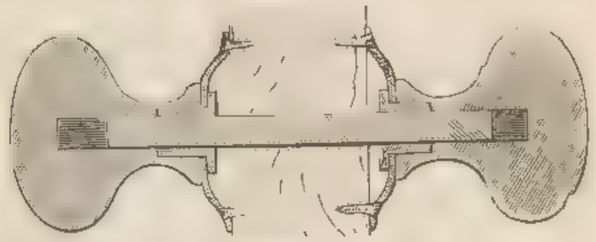


G 2399.

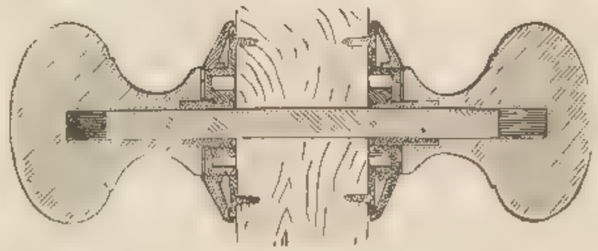
SECTIONAL DRAWINGS OF VARIOUS SPINDLES QUOTED FOR.



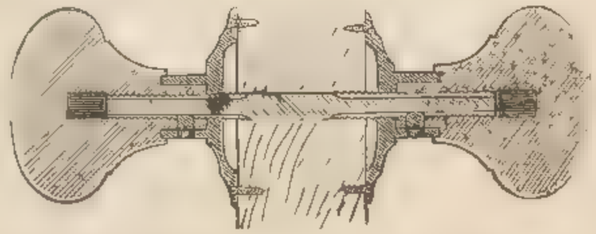
WILKES' PATENT.



PITT'S BRASS ROSE.



PITT'S COVERED ROSE.



MACE'S PATENT ROSE, with Duces' Spindle.

		G 2398.		G 338			G 340.			G 2399	
		Cream China.		Crystal Glass.	Amber Glass.		Crystal Glass	Amber Glass		Crystal Glass.	Amber Glass
Pitt's Brass Rose ..	per set	3/-	...	8/-	11/3	..	9/6	12/6	...	9/-	10/6
Finger Plates	each	1/5	...	2/6	—	...	8/9	11/-	...	6/3	7 6
Shutter Knobs ..	,	7d.	...	1/7	1/10	...	1/7	2/1	...	1/3	1/4

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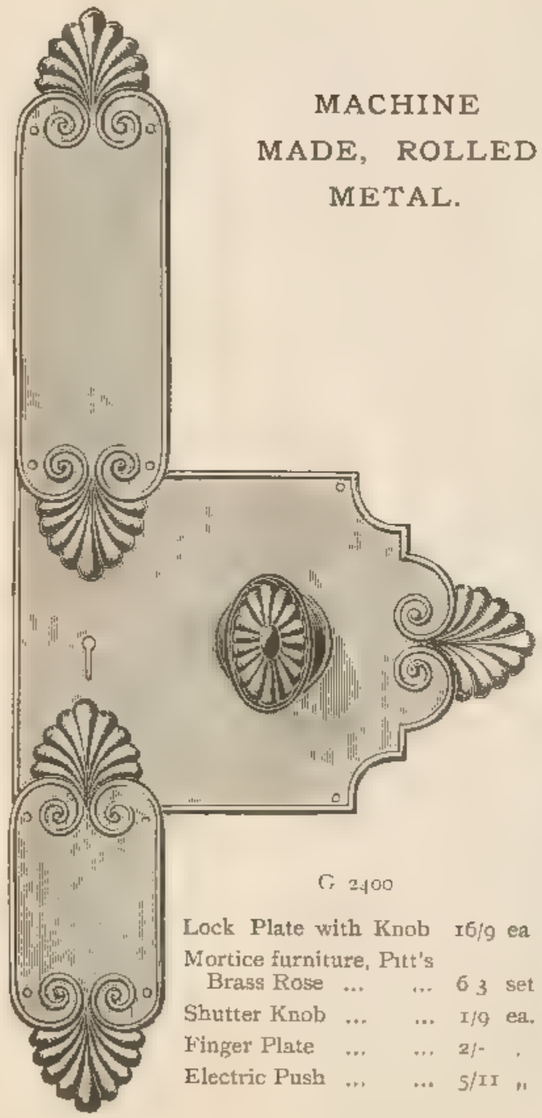
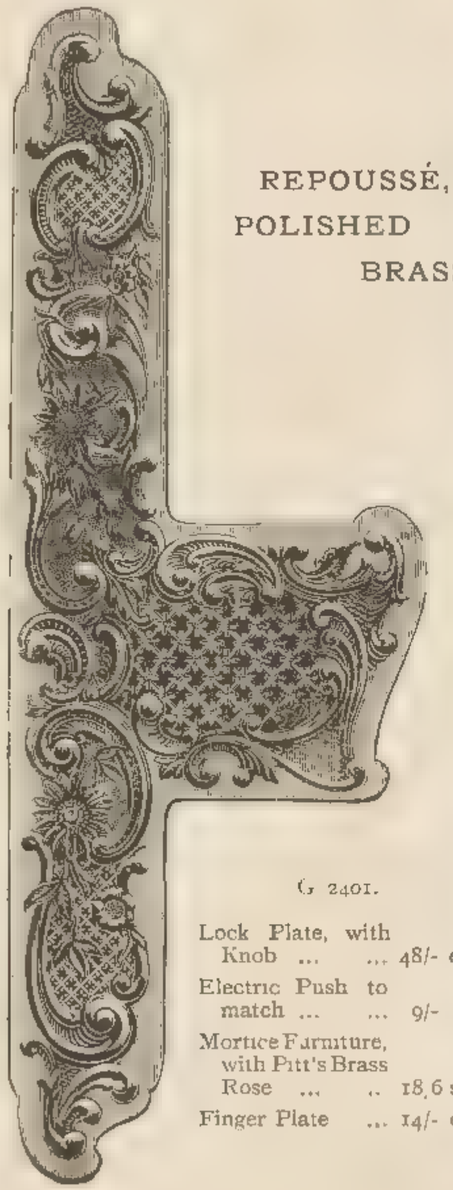
Highly-finished Brass Return End Lock Plates and Lock Furniture.



MACHINE MADE, ROLLED METAL.

G 2400

Lock Plate with Knob	16/9 ea
Mortice furniture, Pitt's Brass Rose	6 3 set
Shutter Knob	1/9 ea.
Finger Plate	2/- .
Electric Push	5/11 ,,



REPOUSSÉ, POLISHED BRASS.

G 2401.

Lock Plate, with Knob	48/- ea
Electric Push to match	9/- ,,
Mortice Furniture, with Pitt's Brass Rose	18 6 set
Finger Plate ...	14/- ea.

FINE CAST, POLISHED BRASS.

G 2402.

Lock Plate, with Pitt's Knob 40 6 each.

REPOUSSÉ, POLISHED OR STEEL BRONZED BRASS.

G 6802

Lock Plate, with Knob, 30/- each	
2 bolt Mortice Furniture, 13/3 set.	
Finger Plates, 11 × 3-in., 6/9 each	
Bell-levers ..	23/6 pair
Shutter Knobs	2 3 each
Electric Pushes, Platinum contacts	8/3 ea.

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IRON AND BRASS BOLTS.

SOLID END TOWER BOLTS.

	3	4	5	6	7	8	9	10	12 inch.
G 354	1/7	2/2	2/8	3/2	3/9	4/3	4/9	5/3	6/3 doz.

Necked ditto, advance two sizes.

STRONG TOWER BOLTS.

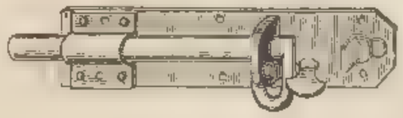
Half Round Staples.

			4	6	8	10	12 inch.
G 355	...	...	2/9	4/-	5/4	6/8	8/- doz.

SOLID END BRASS KNOB BARREL BOLTS.

			6	8	10	12	15 inch.
G 356	..	...	4/9	6/3	7/10	9/6	15/9 doz.
			18	24	30	36	42 inch.
			1/8	2/2	2/9	3/4	3/9 each.

BRENTON'S PATENT LOCK-PIN SAFETY BOLTS.



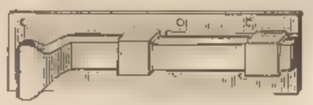
			Japanned.		Galvanized.
G 357	...	...	8 inch, 11/6 dozen.	...	13/6 dozen.
			10 ,, 13/6 ,,	...	17/- ,,

If with Stud for fastening, 2/- doz. extra.

G 2404	Japanned,		
	8	10 inch.	
	12 6	16 6 doz	
	Galvanized,		
	8	10 inch.	
	14 0	17/6 doz.	

BRASS KNOB SQUARE SPRING BOLTS.

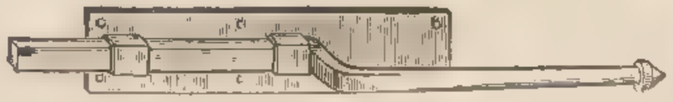
		6	8 × ½	8	10	12	15 × ⅝ inch
G 358	...	6/-	8/-	9/6	12/-	14/6	18/- doz.
			18	24	30	36 × ⅝	42 × ¾ inch.
			2/-	2/8	3/4	4/-	6/3 each.



SQUARE SPRING BOLTS.

	8	10	12 × ¾ inch.
G 359 —Strong	11/	13/3	16/- doz
	12	15	18 × ¾ inch.
G 360.—Extra Strong	3/-	3/3	3/6 each.

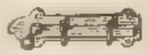
MONKEY TAIL BOLTS.



	18	24	30	36 × ¾ inch
G 361 — Strong	2/2	3/	3/9	4/6 each.
G 362.—Extra Strong	3/3	3/6	3/9	5/- ,,

BRASS KNOB SQUARE SPRING BOLTS.

	3	3½	4 × 5/16 inch.
G 363 —Straight or Necked ...	2/2	2/6	3/- doz.



BRASS SQUARE SPRING BOLTS.

			3	3½	4 inch.
G 364.—Straight	...	..	4/6	5/-	5/6 doz.
,, Necked	...	...	5/-	5/6	6/3 ,,

BRASS BLIND BOLTS.

	2	2½	3	3½	4 inch
G 2406.—Straight, light	1/10	2/4	3/-	—	— doz.
G 365.—Straight ...	4/6	5/6	6/-	7/6	9/- ,,
,, Necked ...	6/-	6/6	7/-	8/6	10/- ,,

LIGHT JAPANNED IRON BOLTS.

	3	3½	4	5 inch
G 366.—Straight or Necked ...	2/6	3/	3/3	4/- doz.

BRASS TOWER BOLTS.

			3	4	5 inch.
G 367.—Straight	...	...	14/-	17/6	22/- doz.
,, Necked	...	...	15/6	18/6	23/- ,,

DOOR CHAINS.

		6	8	10 inch.
G 2150. Brass	... ...	2/9	3/	each.
G 2151, Malleable Iron	...	9d.	11d.	1/2 ,,

MACHINE MADE BRASS BARREL BOLTS.

	2	3	4	5	6 inch
G 2407.—7/16in bolt × ¾in. plate	6/6	7/9	9/-	—	— doz
G 2408.—½in. bolt × ⅝in. plate	—	8/3	9/6	10/9	12/- ,,
G 2409.—⅝in. bolt. × 1 5/16in. plate	—	11/6	13/-	14/6	16/- ,,
G 2410. ½in. bolt × 1⅜in. plate			15 -	17 6	20/- ,
	8	10	12	18	24 inch.
G 2409. ⅝in bolt × 1 3/16in plate	1/9	2/2	2/5	—	— each.
G 2410.—½in. bolt..1⅜in. plate	2/4	2/10	3/4	4/8	6/- ,,

CAST BRASS BARREL BOLTS.

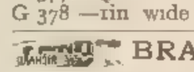
		3	4	5	6 inch.
G 371 ¾in. bolt × 1 5/16in plate with brass shoots		12	16/	19 6	25/- doz
	8	10	12	18	24	30 inch.
Ditto ditto	3/4	4/4	5/3	8/6	10/6	15/- ea.
			3	4	5	6 inch
G 371N.—Ditto Necked			—	16/-	—	25/- doz.
G 2412.—5/16in. bolt × 1in. plate ditto				10/6	13/-	18/- ,,
G 2413.—¼in. bolt × ⅝in. plate ditto			7/6	9/6	—	— ,,

STRONG BRASS BARREL BOLTS.

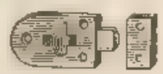
	G 373
12	18 inch
9/-	14/6 each

BRASS FLUSH BOLTS.

	1½	2	2½	3	4	5	6	8 inch
G 374.—⅝in. wide	1/8	2/-	2/6	3/-	—	—	—	— doz
G 375.—⅝in ,,	—	—	—	3/6	4/6	5/9	7/-	— ,,
G 376 —⅝in. ,,	—	—			7/	8/9	10/3	13/6 ,,
G 377 —¾in ,,		—		—	8/-	10/-	12/-	16/- ,,
G 378.—1in ,,	—	—	—	—	—	—	—	1/10 ea
	10	12	15	18	24	30	36 in.	
G 376.—⅝in. wide	16/6	19/6 doz.	2/3	2/8	—	—	— ea.	
G 377.—¾in. wide	19 6	22/6 doz.	2/8	3 3	4/2	5/3	6/3 ea.	
G 378 —1in wide	2/3	2/8	3/4	4/	5/3	6/6	7/9 ea	



BRASS BEDROOM BOLTS.



G 380.

G 381.

G 382.

G 380 —2½ inch	...	...	10d. each
G 381 —1⅝ inch	..	..	9d ,,
G 382 3 inch			2 8

NIGHT BOLTS.

G 383 Japanned iron		..	1/6 each
G 384.—Brass ...	...	...	2/10 ,,

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INDICATING, ESPAGNIOLETTE & FRENCH WINDOW BOLTS.

AUTOMATIC INDICATING BOLTS.

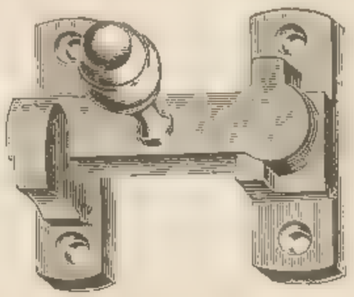
For Lavatories, Offices, Consulting Rooms, &c., &c.

The Indicator is worked by two pegs attached to the bolt, and is thoroughly reliable, having no levers, racks, pinions, screws or springs, to get out of order.

G 2416 -Brass .. .. 4/6 each.

IMPROVED INDICATING LATCH.

When door is not in use the Indicator shows "Vacant"; when bolted, Indicator shows "Engaged."

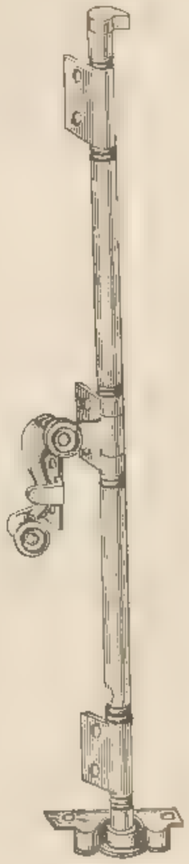


G 2417. –Brass . .. 4/ each.

These Bolts are suitable for either right or left hand doors

ESPAGNIOLETTE BOLTS.

G 2418.
$\frac{3}{4}$ $\frac{7}{8}$ inch.
Brass 3/6 3/9 4/6 per ft.



G 740.
$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 inch.
Brass 3/6 3 9 4/6 5/6 per ft

G 2218
$\frac{5}{8}$ $\frac{3}{4}$ inch.
Brass, lighter 2/10 3/4 per ft.

G 2219.
Berlin black, $\frac{7}{8}$ inch, any length from 6 ft. to 9 ft., straight handle, 7/6 each

The measure to be given from sill to sill, but are charged one inch extra being actual measurement

FRENCH WINDOW BOLTS.

G 741.
Iron ... ... 3/6 each
G 742
Iron, malleable 8/6 each.
G 743.
Brass mountings, with Japanned iron rods to imitate oak, maple, and white and gold, 3/6 per ft.
G 744.
Brass mountings and brass rods, 4/6 per foot.

G 2419.—$\frac{5}{8}$ in. iron rod, polished brass mounts, 5 ft long and under . 16/6 each Longer, 7d per foot extra.
G 2420.—All brass, polished 5 ft long and under . ... 20/6 " " 1/3 " "
G 2421.—All iron .. ... 7/3 " " $3\frac{1}{3}$ " "
If with Brass Lever Handle, 2 each extra.

G 2421.

Double Action Bolt for Heavy Doors.

G 2422. - All Iron, bolt 1 in. × $\frac{1}{2}$ in., 5 ft and under, 19/6 each, longer, 10d. per ft. extra.

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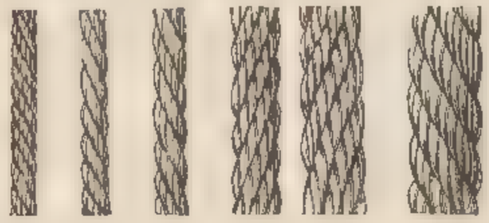
SASH LINE, CHAIN AND PULLEYS.

COPPER SASH CORD.



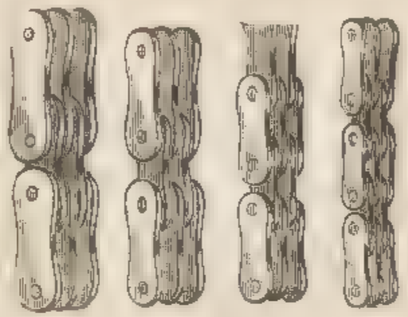
G 394.

Size No. ...	4	3	2	1¾	1½	1¼	1
Circumference	¼	⅜	½	⅝	¾	1	1⅛in
Working Load	34	50	75	112	168	224	336lbs
Per 100 feet	8/-	10/-	12/-	20/	24/-	32/-	48/-

GALVANIZED WIRE CORD.

G 2426.—Size No.	4	3	2	1¾	1½	1¼	1
Circumference	¼	⅜	½	⅝	¾	1	1⅛in.
Working Load	60	90	155	225	335	450	675lbs
Per 100 feet	5/-	6/3	7/6	12/6	15/-	20/	30/-

HARCOURT'S PATENT SASH CHAIN.



No.	6	5	4	3	
G 399.—Size No	3	4	5	6	7
Breaking strain	250	380	600	800	1200 lbs.
Working load	62½	95	150	200	300 ,,
Copper	1/-	1/2	1/4	1/8	3/ yard.
Zinc	9d	9d.	9d.	10½d	1/2 ,,
Hooks & Plates for Copper or Zinc ...	10d.	11d.	11d.	1/-	1/5 set.

Set consists of two hooks and two plates.

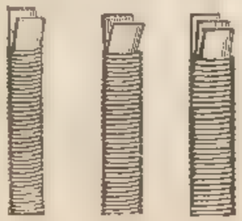
Breaking strain and Working load of zinc is about 20% less than copper.

SQUARE GROOVE AXLE PULLEYS.

Size	1½	1¾	2	2¼	2½	inch.
For Chain No.	3	4	5	6	7	,,
G 2427. Brass face and wheel	1/-	1/2	1/4	1/6	2/6	each.
G 2428.—Ditto, Brass bushed	1/3	1/5	1/7	1/9	2/9	

HOOKHAM'S PATENT SASH LINE.

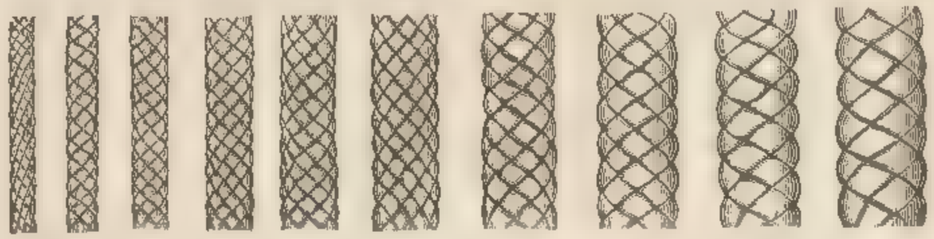
Steel Ribbon, covered



with copper wire.

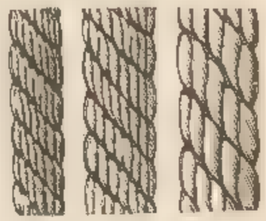
G 400.—Size No.	1	2	3
For Sashes up to	40	75	150 lbs.
	22/6	33/6	44/6 per 100 feet.

PATENT FLAX SASH LINE.



Size No.	1	2	3	4	5	6	7	8	9	10	gross
G 395	4/	4/6	6/-	7/3	9/-	10/10	12,8	14/6	16/3	18/-	yards

CABLE LAID SASH LINE.



Size No	4	6	8

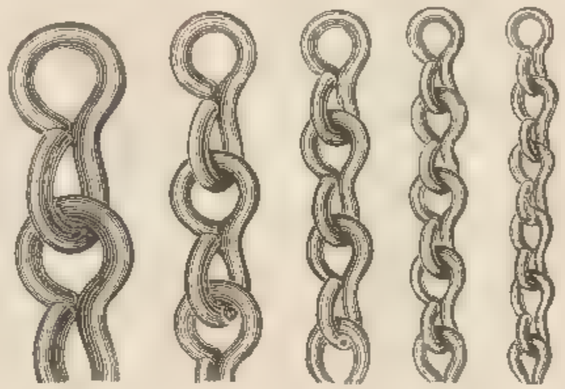
G 2429. Best Italian Hemp, 1/1 per lb

G 397.—Best Russian Hemp, 10d per lb.

G 398.—Jute, 7½d per lb.

Special prices for 28 lbs. and upwards.

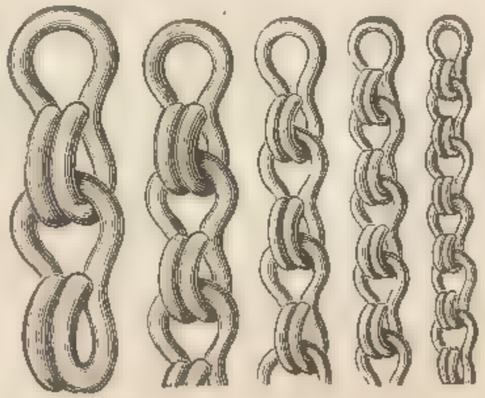
SINGLE LINK JACK CHAIN.



G 409

Size No.	10	12	14	16	18	
Bright iron	1/2	11d	9d.	7½d.	7d.	per
Brass	8/-	5/-	3/-	2/2	1/6	doz. yds

DOUBLE LINK JACK CHAIN.



No.	10	12	14	16	18
G 410 —Size No.	18	16	14	12	10
Tinned iron	. .	1/6	1/10	2 6	3/6 per dozen
Brass	2/3	3/3	5/-	8/9	13/6 yards

FRAME AND AXLE PULLEYS.

FRAME.

AXLE

	1½	1¾	2	inch.
G 450.—Iron frame	—	10/8	—	per gross.
	—	1/-	—	,, dozen.
G 462.—Iron axle		12/6	—	,, gross.
		1/1		,, dozen.
G 452.— ,, ,, strong	26/6	30 -	33/	,, gross.
	2 4	2 8	3 -	,, dozen
G 456.—Brass face and wheel	41,6	48,6	61	,, gross
	3 10	4,6	5 8	,, dozen
G 458.— ,, ,, ,, best finish	55 6	67 6	78/	,, gross
	5 3	6 3	7/3	,, dozen
G 460. ,, ,, ,, brs bushed	66 6	81 -	93 -	,, gross
	6 3	7 6	8/6	,, dozen
		2¼	2½	inch
,, ,, ,, ,, ,,		120/-	149/	per gross.
		11/-	13/9	,, dozen.

SECRET AXLE PULLEY.

SECTION.

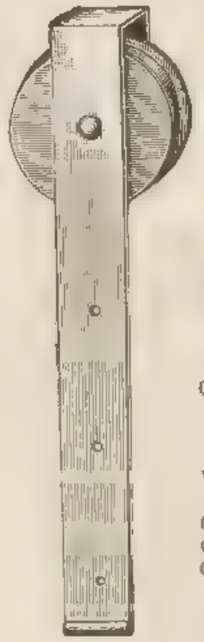
Combining the advantages of the Frame Pulley with those of the Axle Pulley.

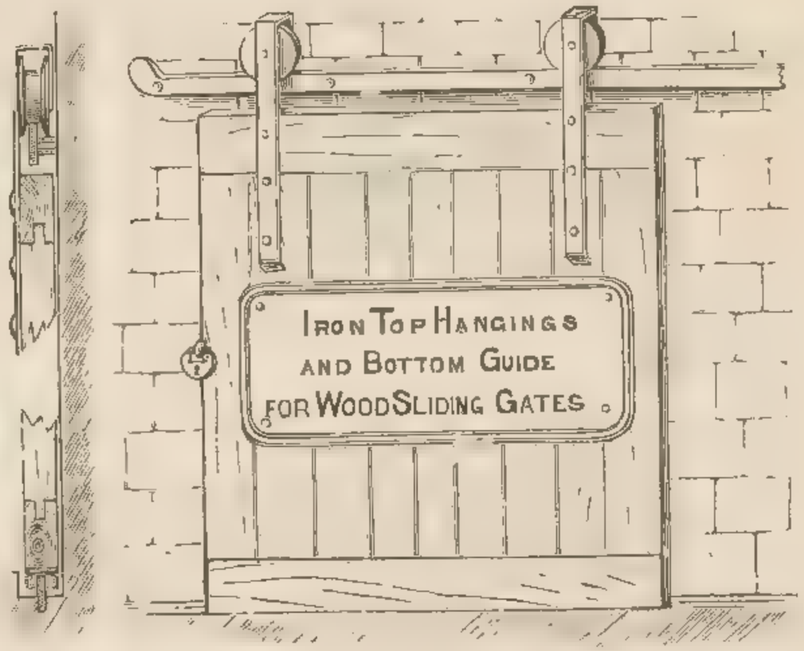
In this Pulley the wheel and axle form one piece, which runs in chilled bearings, while the whole of the frame forms a second solid piece Extremely simple in construction and very durable.

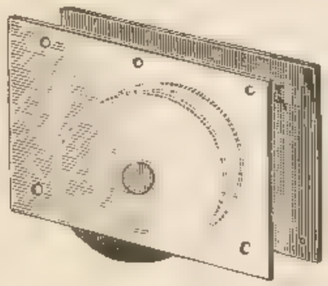
	1¾	2	inch.
G 2160 —Iron ...	20/6	24/8	per gross.
	1/10	2/3	,, dozen.
G 2161. Brass face and iron wheel ...	30/6	37/-	,, gross
	2/10	3/6	,, dozen.
G 2162.—Brass face and wheel	49/6	61/6	,, gross.
	4/6	5/9	,, dozen

Illustrations of Chain and Cord are about full size. Further details and special prices for large quantities will be sent on receipt of requirements.

FITTINGS FOR WOOD SLIDING GATES AND DOORS.







G 427

Wheels ...	$3\frac{1}{2}$	5	6 inches outside diameter.
Price	2/9	3/3	4 6 each.

Cast iron roller path for	$3\frac{1}{2}$	5	6 inch rollers.
Price ...	8d.	10d.	1/- foot.

Forged handles, each 2,9.

Brass wheel antifriction rollers for top, each 5d

Hasps for locks, each pair 3/-

G 471.

	Wrot Iron Straps.	Wheels outside diameter.	Price.
	$18 \times 1\frac{1}{2} \times \frac{3}{8}$ in.	... $3\frac{1}{2}$ in.	... 3/3 each.
	$21 \times 2 \times \frac{3}{8}$ in.	. 5 in	... 4/5 "
	$24 \times 2\frac{1}{2} \times \frac{3}{8}$ in.	.. $6\frac{1}{2}$ in	... 5/3 "
	$30 \times 3 \times \frac{1}{2}$ in.	.. 8 in.	... 7/6 "

Wrought iron running bar or top rail	$2 \times \frac{1}{2}$	$2\frac{1}{4} \times \frac{1}{2}$	$2\frac{1}{2} \times \frac{1}{2}$	$3 \times \frac{5}{8}$ in
	1/-	1/2	1/3	1/7 per foot.

Groved channel guide rail, $\frac{7}{8} \times 1$ inch outside, thus 6d per foot.

Guide pins on plates for ditto 6d each

Continuous guide bar to slide in channel and form weather joint ... . 6d. per foot

Prices include bolts and nuts.

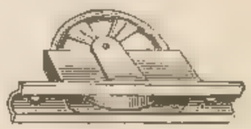
In ordering above please state thickness of door and wall and distance the rollers are required to run.

GROOVED IRON ROLLERS FOR SMALL DOORS.

G 424.

Rollers $1\frac{1}{2}$	$1\frac{3}{4}$	2 inch diameter	
11d.	1/-	1/1 each.	

G 425.
Plates $5\frac{1}{2} \times 1\frac{5}{8}$ inch.
1/7 each.



G 426
Rollers $4 \times \frac{3}{8}$ inch.
1/3 each.

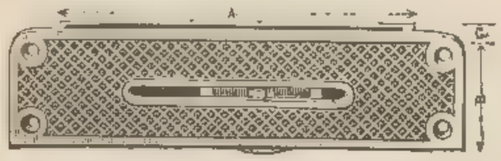
The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements

DOOR ROLLERS, LOCKING BARS, &c.

HATFIELD'S PATENT BOTTOM ROLLERS.

To run ..	2	3	4	2	3	4	3½	4	7	5	ft.
Diam of wheel	1½	1½	1½	2	2	2½	3	3	3	3½	in
Price ...	10d.	10d	1/-	1/-	1/1	1/4	1/2	1/4	2/10	2/6	ea.
To run ...	6	8	4½	7	9	10	12	18	16	20	25 ft.
Diam of wheel	4	4	5	6	6	6	6	6	8	8	8 in
Price ...	2/10	3,6	2,6	4,6	6 3	8/-	9/9	17/-	13/6	18/	20 6 ea.

HATFIELD'S PATENT BOTTOM ROLLERS TO FIX ON SIDE OF DOOR, PLAIN PATTERN.

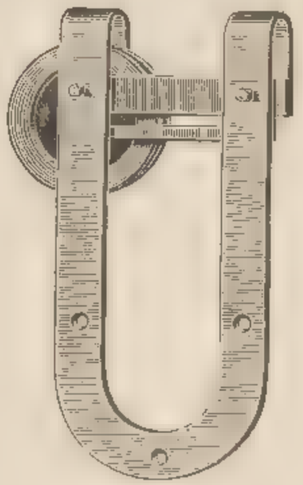


To run ...	2½	3	4	5	6	8	10	12	16	20	30	ft
Diam. of wheel	2	2½	3½	3½	4	5	6	8	8	8	8	in
Price Japanned	1 9	2/-	2,10	4/-	5/3	7 6	11/3	16/	22 6	29,6	39 6	ea.
, Berlin Black	2/-	2 3	3 3	4 6	5 9	8/6	13 6	19/3	27/-	34	45	,,

RAILS FOR THE ABOVE ROLLERS.

						Per foot run.
Wrought Iron Rail with raised Bead, for Rollers with 1½ in. Bowls,						6d
Do,	do.,	do,	2 in	to 6 in.	,,	7d.
Do.,	do.,	do.,	8 ,,		,,	1/5
Do.,	do.,	grooved flush,	do, 1½,		,,	7d
Do.,	do.,	do.,	do., 2 ,,	to 3 ,,	,,	9d
Do.,	do.,	do.,	do, 3½. 4 ,,	or 5 ,,	,,	11½d
Do.,	do.,	do,	do, 6 ,,		,,	1/1
Do.,	do,	do.,	do., 8 ,,		,,	1/8

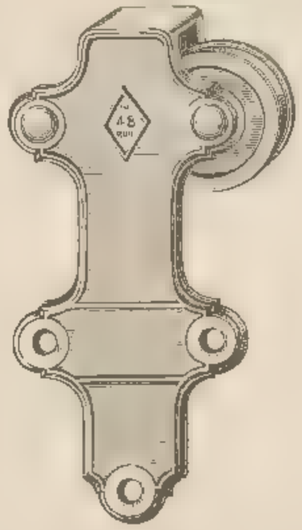
In ordering above please state thickness of door and wall, and distance the rollers are required to run



HATFIELD'S PATENT WROUGHT IRON HANGING ROLLERS.

G 2170.

To run ...	2	2½	3	4	5	6	7	8	10	12	16	20	ft
Diam. of wheel	2	2½	3	4	5	6	6½	7	8	8	8	10	in.
Price ...	1 8	2,3	2,8	4/-	5 9	7,6	10 3	13/6	17/-	22 6	34	39,6	ea.



HATFIELD'S PATENT MALLEABLE IRON HANGING ROLLERS.

G 472

To run	2	2½	3	4	[illegible]	[illegible]	7	[illegible]	[illegible]	12	[illegible]
Diam of wheel	2	2½	3	[illegible]	[illegible]	6	6½	7	8	8	in
Price	2 3	2 [illegible]	[illegible]	[illegible]	[illegible]	10/3	13 6	17 -	22 6	29,6	ea.

FIXTURES COMPLETE WITH WROUGHT IRON RAILS, FOR THE ABOVE ROLLERS.

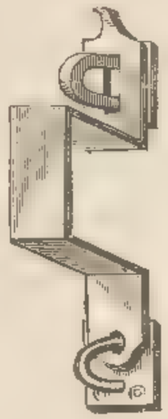
(Consisting of Wrought Iron Rail, Bolt and Nuts, and Washers, and Cast Iron Brackets.)

For 2 2½ 3 4 5 6 7 8 10 12 16 20 ft Door
10/- 10 6 12/- 16/- 24/- 33/- 36/- 40/- 74 - 80/- 108/- 132/- per set.

FLUSH SLIDING DOOR HANDLES.

	4½ × 3	6½ × 4½ inch.	
G 2430. Japanned Iron ..	1/4	2/6	each

BAR STAPLES FOR SHOP FRONTS.



G 2341 Japanned Iron 3 × 2½ 4 × 2½ in. 1/4 1/8 each

G 2432 Japanned Iron 3 × 2½ 4 × 2½ in. 9½d 1/2 each.

JAPANNED HASPS AND STAPLES.

	4½	6	8 inch.
G 2433.	3½d	4½d	7½d. each.

	6½	8	9½ inch.
G 2434	5d.	7½d.	8½d. each

LOCKING BARS.

	12 × 1¾	16 × 2	18 × 2½	24 × 2½	30 × 2½	ins.
G 2435. ...	2 -	3/-	4 6	6/3	7 6	each

Further details and special prices for large quantities will be sent on receipt of requirements.

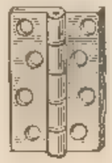
BRASS AND IRON HINGES.

BUTT HINGES.

BRASS.	1	1¼	1½	1⅝	2	2¼	2½	3	3½	4	4½	5	6 inch
G 491.—Pressed lock joint ..	1/	1/3	1/4	1/9	2/2	2/8	3/2	4/4		—			doz. pairs
G 492.—Solid machine made	2/-	2/3	2/9	3/3	3/9	4/6	5/6	8/9		—			
G 493. Light cast ...	1/10	2/2	2/8	3/2	4/3	5/3	6/6	9/6					"
G 494.—Medium cast ...	2/	2/8	3/2	4/-	5/3	7/-	8/	13/-	—	—		—	"
G 495. Strong " ..	—	—	3/9	4/8	6/-	7/-	8/3	15/	24/-	36/-	—	—	— "
G 496.—Extra strong cast ...		—	4/9	5/9	7/	9/3	11/6	20/-	33/6	50/-	65/-	80/	— "
G 497.— " " " brass pin					10/3	13/	16/3	26/-	36/	[illegible]		—	— "
CAST IRON.													
G 500.—Light	-	—	1/1	1/3	1/6	1/9	2/-	2/6	3/2	+			
G 501.—Medium		—	1/4	1/7	1/10	2/2	2/5	3/2	4/-	5			"
G 502.—Strong			1/8	2/	2/4	2/8	3/-	3/9	4/8	5/10	8/6	10/9	15/3 "

Net Prices per gross on application

PATENT WROUGHT IRON.	1½	2	2½	3	3½	4	4½	5	6 inch.
G 504	1	1	1	2/6	3/4	[illegible]			— doz. pairs.
WELDED WROUGHT IRON									
G 506.—Strong .. .	3/9	5/	6/6	8/4	11/-	13/9	19/-	23/9	33/ .



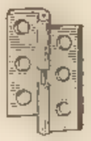
BRASS BUTTS (Polished).

	3 × 2⅛	3½ × 2½	4 × 2⅞	4½ × 3¼	5 × 3⅝ inch.
G 2441. Steel washered...	2/6	3/3	4/3	5/6	7/3 per pair
	3 × 2⅝	3½ × 2¾	4 × 3½	4½ × 3¾	5 × 4 inch.
G 2442.—Strong " ...	3/9	4/6	5/6	7/-	9/- per pair

PROJECTING BRASS BUTTS.

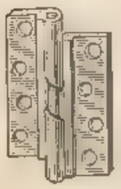
	3 × 3	3½ × 3½	4 × 4	4½ × 4½	5 × 5 inch.
G 511.	3/-	4/3	5/8	7/3	10/3 per pair.
		4 × 4¾	4½ × 5¼	5 × 6	6 × 7 inch.
G 511A.		7/3	10/-	14/	27/- per pair.
			4 × 3¾	4½ × 4	5 × 4½ inch.
G 2443.—Steel washered			7/-	9/-	11/- per pair.

In all cases the first measurement is the length of hinge, and the second the width when open.



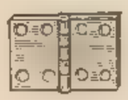
LOOSE PIN BUTT HINGES.

	1½	2	2½	3	3½	4 inch
G 512.—Brass ...	5/6	8/-	12/-	22/-	—	— doz. pairs
G 514.—Cast Iron	—	2/6	3/4	4/6	6/-	7/6 "



RISING BUTT HINGES.

	3	3½	4	4½ inch
G 515.—Brass, steeled joints ..	8/6	10/	12/3	14/6 per pair.
G 515B Best Brass, steeled joints	10/6	12/6	14/6	18/- "
G 516. Cast Iron	11d	1/2	1/5	1/9
G 2174.—Wrought Iron	4/3	5/3	6/3	"



BACK FLAP HINGES.

	1	1¼	1½	1¾	2	2¼	2½	3 inch
G 517. Brass ..	4/-	5/6	7/3	11/-	16/6	24/6	37/6	— doz. pairs
G 518 Patent Iron	1/4	1/6	2/-	2/8	3/4	4/6	5/9	8/9 "
G 519.—Welded "	3/	3/9	4/6	5/6	7/6	11/3	13/9	22/- "

The varieties described represent in many cases but a small selection from those in stock.

TABLE HINGES.

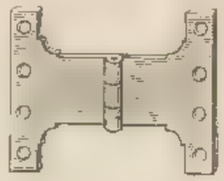
	1	1¼	1½	1¾	2	2¼	2½ inch
G 521.—Patent Iron . ..	1/6	1/8	2/3	—	—	—	— doz. pairs.
G 522. Welded "	3/-	3/9	4/6	5/6	7/6	11/3	13/9 "

EGG JOINT HINGES.

G 523.—Brass 2¾ in. 3/2 pair.
G 524. Iron, 2¼ " 5/6 } doz pairs

COUNTER HINGES.

	4¼ × 1⅞ in
G 525. Brass ..	2/6 pair

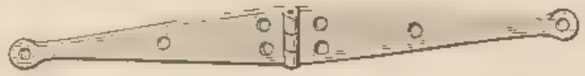


PARLIAMENT HINGES.

Length of joint	1½	1¾	2	2¼	2½	2¾ inch
To open	3	3½	4	4½	5	5½ "
G 526.—Cast Iron	5/6	7/-	7/6	9/6	10/6	12/6 doz pairs

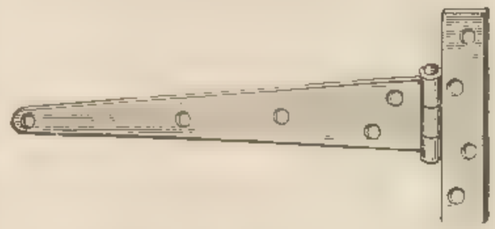
CHEST HINGES, PATENT WROUGHT IRON.

	6	7	8	10	12	14 inch.
G 527.—	2/8	3/4	4/2	5/9	6/9	8/3 doz. pairs.



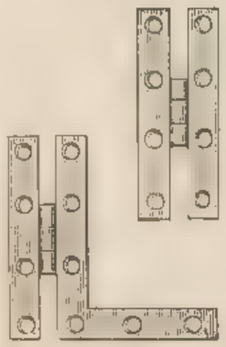
STRAP HINGES.

	6	7	8	10	12	14 inch.
G 529.—Welded Wrought Iron	5/6	6/3	7/9	11/-	17/6	24/9 doz. pairs
G 530. Weighty ..	—		—	2/8	3/6	4/- pair



TEE HINGES, PATENT WROUGHT IRON.

	6	8	10	12	14	16	18	20	22	24 inch.
G 532.—Self color	2/6	2/10	4/8	6/8	8/3	10/8	14/6	17/		— doz pairs.
G 534.—Japanned ...	3/4	3/9	4/6	5/4	6/6	8/6	10/3	12/6	14/9	18/9 "



H HINGES.

	3	4	5	6	7	8	10 inch
G 536. Patent Wrought Iron	2/4	2/10	3/6	4/3	5/2	6/4	9/3 doz. pairs
G 537.—Brass			2/9	3/			pair.

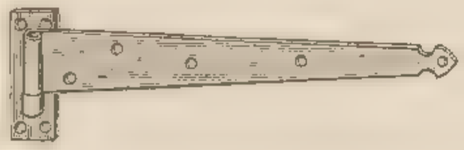
HL HINGES.

	4	5	6	7	8	10	12 inch.
G 538.—Patent Wrought Iron	4/2	5/6	6/-	6/9	8/-	12/3	17/- doz pairs

Further details and special prices for large quantities will be sent on receipt of requirements.

WROUGHT AND CAST IRON GATE HINGES.

PATENT WROUGHT IRON HOOKS AND HINGES.



	10	12	14	16	18	20 inch.
G 540.—Hooks on plates	8d	11d	1/1	1/4	1/6	1/10 pair
G 541 Ditto to drive	8d	11d.	1/1	1/4	1/6	1/10 ,,

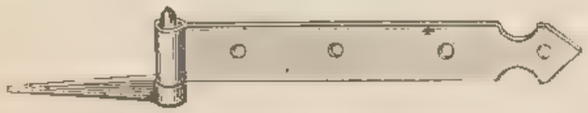
Per cwt.,

PATENT WROUGHT IRON GOTHIC HOOKS AND HINGES.

	12	14	16	18	20	22	24 inch.
G 542.—Hooks on plates	1/1	1/6	1/8	2/2	3	3/6	4/4 pair
G 543.—Ditto to drive	1/1	1/6	1/8	2/2	3	3/6	4/4 ,,

Per cwt.,

WELDED WROUGHT IRON HOOKS AND HINGES.



	12	14	16	18	20	22	24	30 inch
G 544.—Hooks on plates	1/1	1/6	1/8	2/2	2/4	3/6	3/9	6/ pair.
G 545 Ditto to drive	10d	1/2	1/4	1/8	1/10	2/10	3/4	5/6 ,,

Per cwt

EXTRA STRONG WELDED WROUGHT IRON HOOKS AND HINGES.

	18	24	30	36 inch.
Straps	1¾ × ⅝	2 × ¾	2½ × ¾	3 × ¾ ,,
	3/9	5,	8/-	10/6 pair.

Hooks also made either to drive, or with bolt and nut.

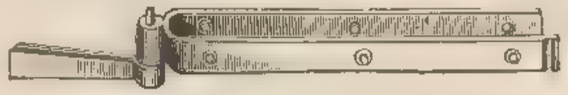
WROUGHT IRON GATE HINGES.

	18	24	30 inch
G 555.			
Strap	1½ × ⅝	1¾ × ⅝	2 × ¾ inch
Price	9/9	11/3	12/9 pair
G 548 Best solid welded eyes	18	24	30 inch
Strap	1½ × ⅝	2 × ¾	2¼ × ⅞ inch
Price	17,-	18/6	20/- pair.

If with Hooks on plates, or fitted with screwed ends, washers and nuts, 9d. per pair extra

If 6 pairs one size G 555 ... 1/- pair less.
If 6 ,, ,, G 548 ... 1/6 ,,

WROUGHT IRON GATE HINGES.

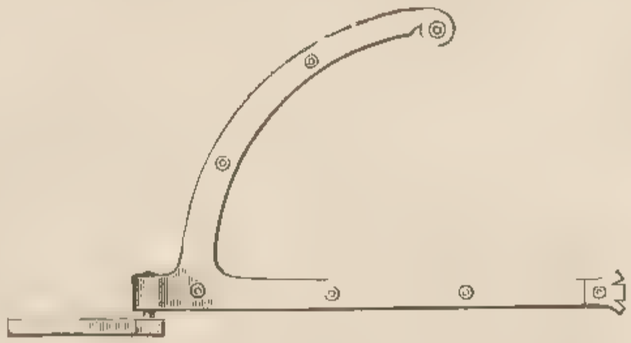


G 556. ... ... } 1/- pair extra to G 555 and
G 549.—Best solid welded eyes .. } G 548.

BEST WELDED WROUGHT IRON GATE HINGES, with Ornamental Ends.

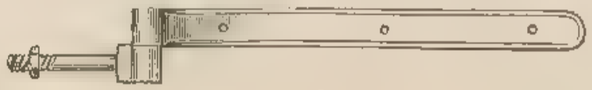
G 550.—4/ pair extra to G 548.

WELDED WROUGHT IRON COACH-HOUSE DOOR HINGES.



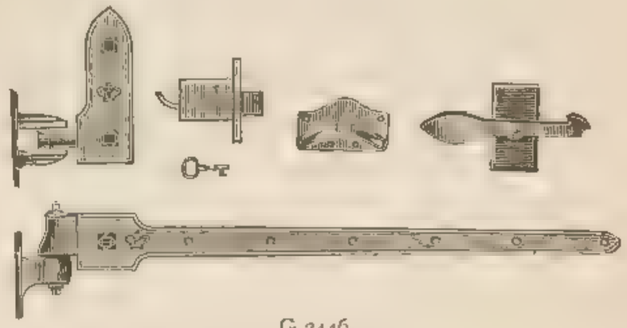
G 551.—Price 20 - to 40/- per pair, according to size.

WELDED WROUGHT IRON LOOSE BOX OR STABLE DOOR HINGES, with Chamfered Edges.



	18	24	3 inch
G 547	1¾ × ⅝	2 × ¾	2¼ × ⅞ inch
	9/-	10/6	12 pair.

PATENT VILLA GATE FITTINGS.



G 2446.		
Length of strap for top hinge ..	2 ft 3 in.	2 ft. 10 in
Width between strap of hinges ...	2⅜ in.	2⅞ in.
Price per set	37/6	46/-
If Latch be made to lock with key ..		8/6 extra.
If for stone steps		1/3 ,,

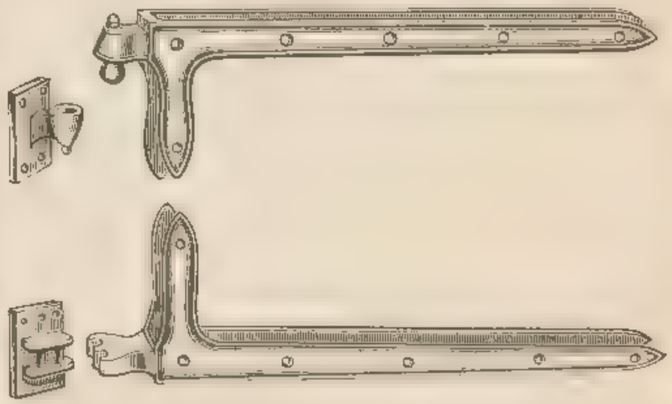
Set consists of top and bottom hinge, latch and catch, and gate stop.

COLLINGE'S Patent SPHERICAL HINGES. SINGLE STRAP HINGE.

G 2447.	18	24	30	36	42	48	54	60 inch.
	4/6	6/-	8/-	10/-	12/6	14/6	16/6	18/6 pair.
G 533.—Heavier, with pins turned and polished,								
	18	24	30	36	42	48	54	60 inch.
	7/	9/	12	15,-	19,	22	25/-	28/ pair

1/- per pair extra for stone steps. Bolts, 4d. each.
When ordering state hand on which gate is hung, also if hung to wood posts, or stone, or brick piers.

COLLINGE'S PATENT SELF-CLOSING DOUBLE STRAP HINGES FOR PARK GATES, &c.



G 554. ... . 25/- per pair per foot of strap.
G 2448. Lighter 13/6 ,, ,,

☞ Up and down straps measured, so that 24 inch hinges with 6 inch up and down would be charged as 30 inches

For Mediæval Hinge Fronts, and Hinges, etc., see Church Fittings. Every description of special Hinge Work made to order.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

DOOR SPRINGS, STOPS, &c.

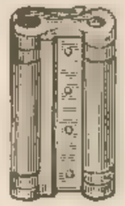
SINGLE ACTION SPRING HINGES.

G 571. - Iron

	3	3½	4	5	6	inch.
	1/3	1/6	1/10	2/4	2/11	each

G 572. Brass

	3	3½	4	5	6	inch.
	2/6	3/-	3/6	4/6	5/6	each



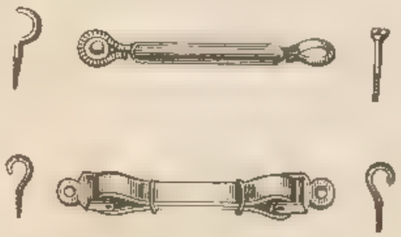
DOUBLE ACTION SPRING HINGES.

G 573.—Iron

	3	3½	4	5	6	inch
	4 -	5/-	6/-	8/-	10/	pair.

G 574.—Brass

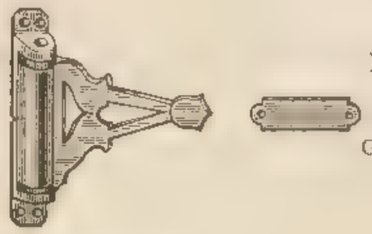
	3	3½	4	5	6	inch.
	6/6	8/-	10/-	13/	15/	pair.



INDIA RUBBER DOOR SPRINGS.

	Size – A	B	C	
G 576.—Round...	8d.	10d	1/2	each

	Size	1	2	3	
G 577.—Flat ...		1/8	2/3	3/4	each

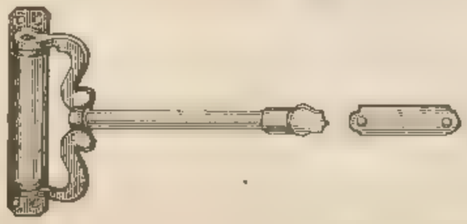


HELICAL DOOR SPRINGS.

	3	3½	4	5	6	7	8	in
G. 578 —Iron	1/3	1/6	1/9	2/4	3/-	4/6	5/6	ea.
,, Brass	2/1	2/6	2/11	3/9	4/7	7/6	9/-	,,

LONG TAIL DOOR SPRINGS.

	12	14	16	18	20	22	24	in.
G 580.—Light	1/1	1/2	1/3	1/4	—		-	ea.
G 581.—Medium	1/4	1/5	1/6	1/8	1/9	1/10	2/-	,,
G 582.—Strong	—	—	2/6	2/8	2/10	3/-	3/4	,,

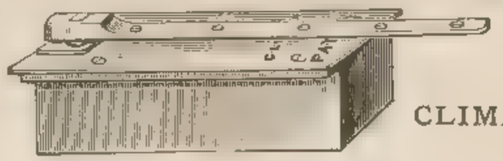


PATENT ROD DOOR SPRINGS.

	14	16	18	20	22	24	in
G 583.—Brass mounts ...	4/-	4/4	4/8	5/-	5/4	5/8	ea.
G 584 All Brass ...	6/8	7/1	7/6	7/11	8/4	8/9	,,

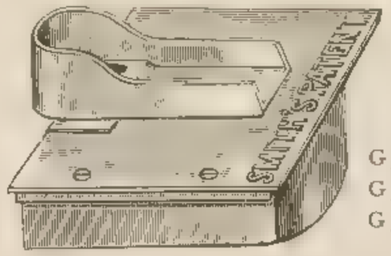
BRASS CIRCULAR DOOR SPRINGS.

G 585 — Small	6/6 each.
G 586.—Medium	7/6 ,,
G 587 —Large	10/6 ,,



CLIMAX DOOR SPRINGS.

	G 588. For Light,	G 589. Medium,	G 590 Heavy,	G 591. Extra Heavy Doors. 28/- each.
If with strap ...	10/6	14/-	23/6	
	1½	1⅝	1⅝ to 2	1⅝ to 2	2 2½ 2¼ in thick.
If with shoes for doors...	12/-	12/6	16/6	26/	31/- 32/- 32/- each



SMITH'S PATENT DOOR SPRINGS.

	With strap	With brass shoe. 1½–1⅞	2	2⅛ or 2¼
G 592A.—For light doors	14/6	17/-	17/-	—
G 593A.—For medium ,,	21/-	23/6	23/6	24/6
G 594A.—For heavy ,,	29/-	32/-	32/-	33/-

DOOR SLAM SPRINGS.

G 600.—Brass, 9½d ea.
G 601 -Iron, 6d ,,

G 602 —Brass... 10d. each.

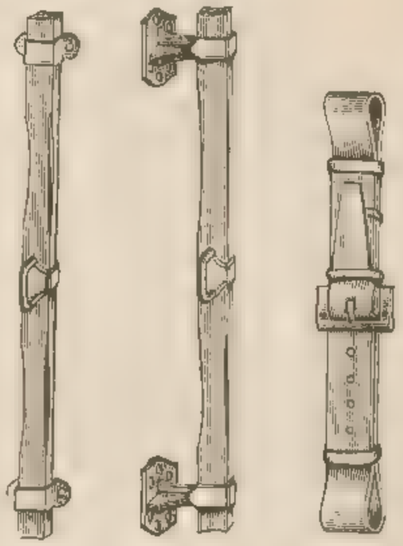
BRASS DOOR STOPS.

G 603.—
1/10 each.

INDIA-RUBBER DOOR STOPS.

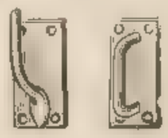
G 604 -Assorted Colours, 4/6 doz
G 604A.— Wood Cores.. 3/3 ,,

LANCEWOOD DOOR SPRINGS.

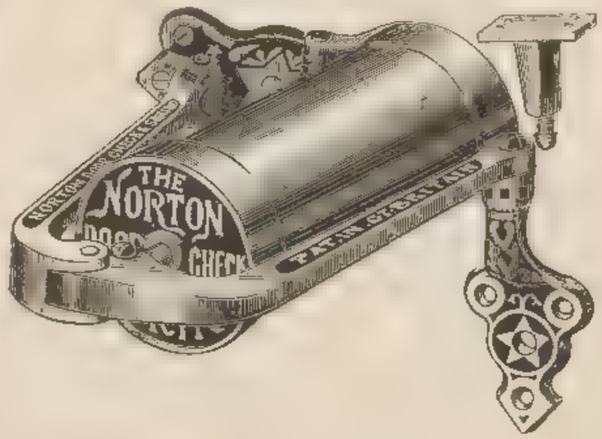


	G 605	G 606	G 607.
G 605. —Iron mounts ...			2/8 each
,, Brass ,, ...			8/6 ,,
G 606.—Iron ,, ...			4/- ,,
,, Brass ,, ...			17/- ,,
G 607. —Leather strap for ditto ...			4/ ,,

DOOR STRAP HOOKS AND STAPLES.



	G 608	
Iron	9d	pair
Brass	2	,,



T 2176.

THE "NORTON" DOOR CHECK AND SPRING,

NICKEL PLATED ALL OVER

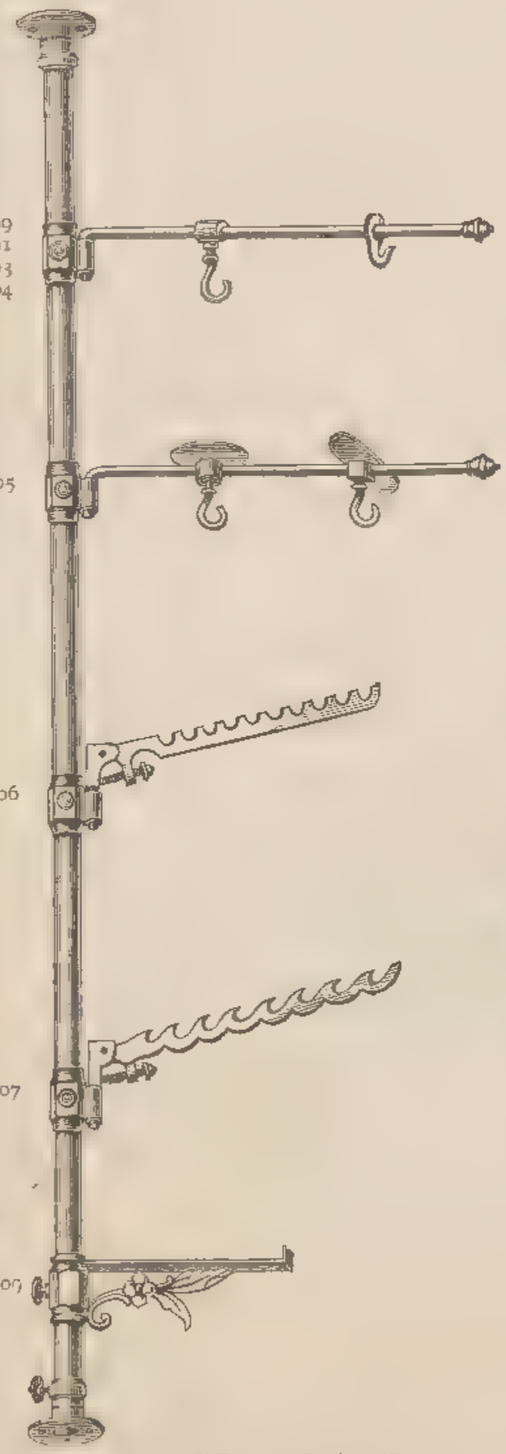
This Spring is fixed to the top of the door, and will close it with absolute silence May be applied to the back or front of the door, as desired, which must be stated in ordering; also if door is flush with frame, and if not give distance it stands back.

No. 0. Suitable for doors not exceeding 4 feet in width by 3 inches in thickness ..	33/	each
No. 1. - ,, ,, ,, 3½ ,, ,, ,, 3 ,, ,, ...	26/-	,,
No. 2.— ,, ,, ,, 2 feet 8 inches in width by 2 inches in thickness	22	,,
No. 3.— ,, ,, ,, 2 ,, 6 ,, ,, 1½ ,, ,,	18	,,
No. 4 For Screen and other light doors	18	,,

Special list giving instructions for measuring, fixing, &c, sent on application.

Illustrations are about one-sixth full size, except Lancewood Door Springs, which are one-twelfth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

Shop Window Fittings, Music Stool Screws and Table Expanders.



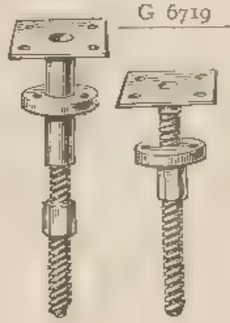
BRASS SHOP WINDOW FITTINGS.

	For ⅝	¾	⅞	1 in rod.
G 6669 —Sliding sockets ...	5/6	6/6	7/9	9 per doz
G 6700 Double ditto ...	6/9	7/6	8/6	10 ,,
	10	12	14	16 18 inch.
G 6701 —Arms only × ¼ in	2/6	2/9	3/-	3/3 3/6 per doz
Ditto × 5/16 in. —	4/-	4/6	4/9	5/3 ,,
	¼	⅜	½	⅝ ¾ inch.
G 6703. Swivel hook	6/6	—		— — per doz
G 6704 — Sliding ditto	—	5d.	7½d	9d. 1/- ,,
			8	10 12 inch
G 6705 —Boot or shoe bracket		—		16/6 per doz
G 6706.—Notched ditto, to rise and fall			11/-	13/- 15/ ,,
G 6707 Do., do., machine made			11/6	12/- 13/- ,,
G 6709. Glass shelf bracket with socket for ¾ in. rod ..	4	5	6	7 8 inch
	25/-	27/-	30/	— — per doz.
G 6709A.—Do., do., for 1 in. rod ..			40/-	42/- 46/6 54/- 60/6 ,,
G 6710. Top and bottom sockets	⅝	¾	⅞	1 inch
	11/9	12/6	14/-	17/- doz. pr
G 2450 Machine made rod socket, to unscrew	½	⅝	¾	⅞ 1 1¼ 1½ inch
	3/6	3/9	4/2	5/- 5/8 8/6 13/6 doz
G 6711. Boot or shoe bracket			10 in.	22/- per dozen.
G 6712.—Ditto ditto			,,	23/- ,,
	For ½	⅝	¾	⅞ 1 inch rod
G 6713. Rod bracket	5/	6/-	7/3	8/3 9/3 per doz.
G 6714 —Bonnet or hat ditto			...	8 in. 7/3 per doz.
G 6715.—Ditto ditto			12 × ⅜ in.	23/- ,,
	For ½	⅝	¾	⅞ 1 inch rod.
G 6716. Rod brackets	4/6	5/6	6/8	7/9 9/3 per doz.
G 6716A. Do. -		4/3	5/3	7/- 9/6 ,,
				¼ ⅜ inch.
G 6717.—Sockets for Arms, single				1/6 2/4 doz
G 6718. Ditto double				2/6 3/4 ,,

See also page 25.
For prices of Brass-cased Rods see page 46.

YARD COUNTER MEASURES.

G 6719 .. .. 2/- each.



MUSIC STOOL SCREWS.

	6½ × ¾	7 × ⅞	8 × 1 in.
G 6720	1/5	1/8	2/6 each
	8 × ⅞	9 × ⅞	10 × 1 in
G 6721	2/6	3/9	6/3 each

10 × 1 inch works in felt lining.

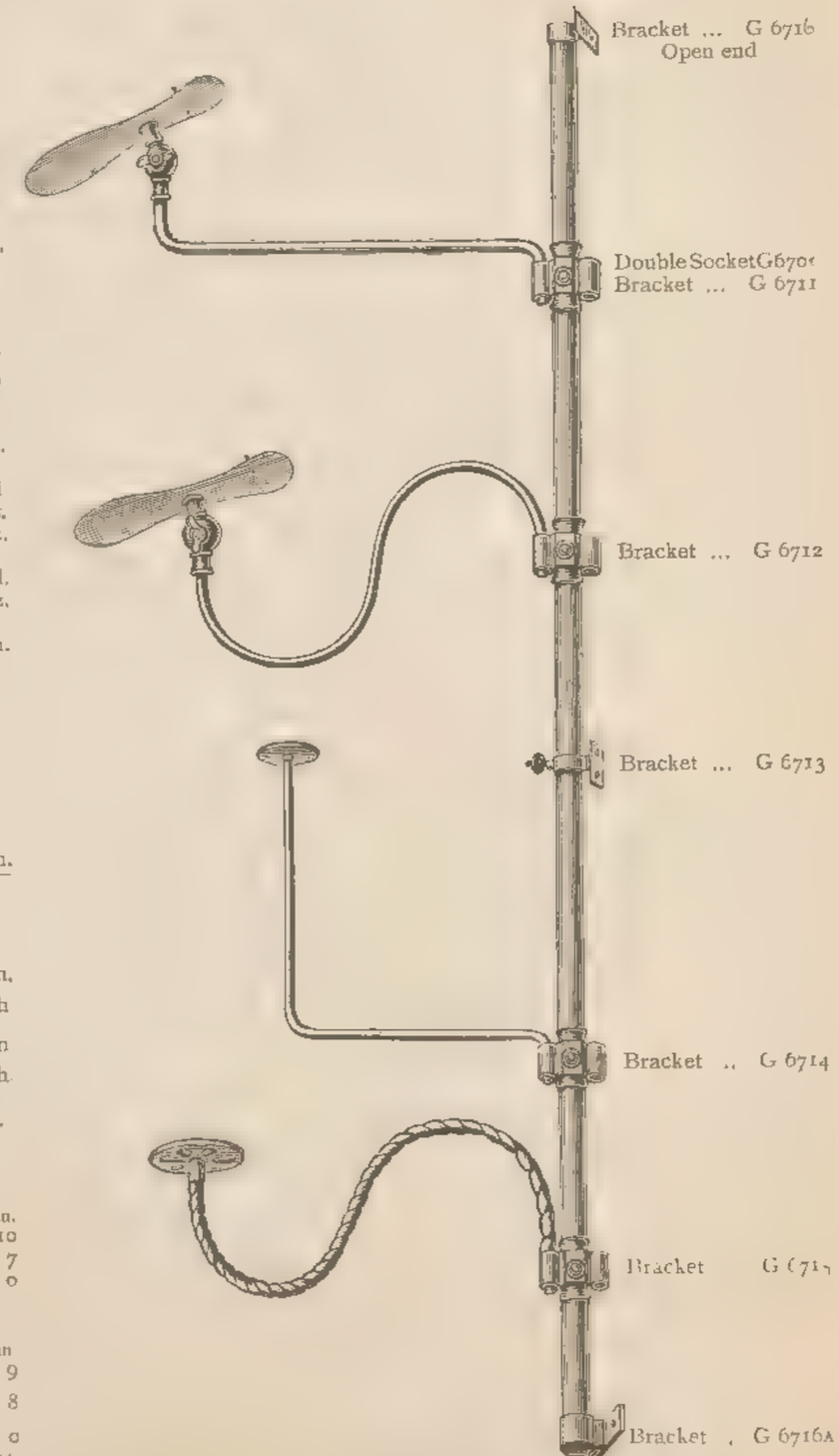
TABLE EXPANDERS.

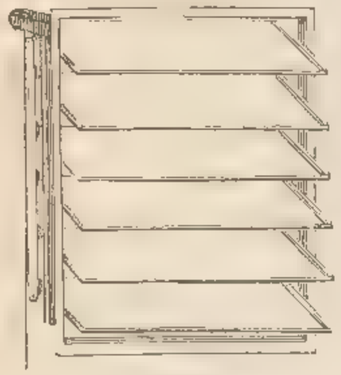
G 6722.—Single action

	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
Length of movement closed	2 10	3 4	3 10	4 4	4 10
Length of top screw will admit	2 7	3 1	3 7	4 1	4 7
Length of table when open	6 0	7 0	8 0	9 0	10 0
Each	4/2	4/6	4/9	5/3	6/-

G 6723.—Double action—

	ft in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
Length of screw closed ..	2 7	2 11	3 3	3 7	3 11	4 3	4 6	4 9
Length of top screw will admit	4 7	5 2	5 10½	6 6½	7 1½	7 9	8 3	8 8
Length of table when open, ea.	8 0	9 0	10 0	11 0	12 0	13 0	13 6	14 0
	8/3	8/9	9/4	10/3	11/3	19/3	21/8	25/





G 0730

REGISTERED LOUVRE GLASS VENTILATOR.

These Ventilators can be opened and wholly or partially closed at pleasure, with pulley and line. They are not liable to get out of order, and are durable and neat in appearance, easily fitted to any description of window, made to any size or shape, with ornamental glass, etc

Large squares can be partially ventilated

VENTILATORS.

	First Quality	Second Quality	Third Quality
	Plate Glass bevelled and polished edges.	Plate Glass ground and polished edges.	Sheet Glass Plain edges
	each s. d.	each s. d.	each s. d.
Not exceeding 1 ft	11 6	10 3	9 0
	per foot.	per foot.	per foot.
Above 1 ft and not exceeding 2 ft.	11 6	10 3	9 0
" 2 " " 3 "	10 6	9 8	8 6
" 3 " " 4 "	10 0	9 4	8 0
" 4 " " 5 "	9 3	8 9	7 9
5 " and upwards	8 6	8 0	7 6

In executing orders, the first dimension stated is taken as the height and the second as the width; for instance, 19 by 14 would be considered as 19 high and 14 wide and all Ventilators are made of the best description, unless otherwise ordered State whether measure 1 in clear between sash bars, or as for a pane of glass and if sashes are glazed from the inside or out

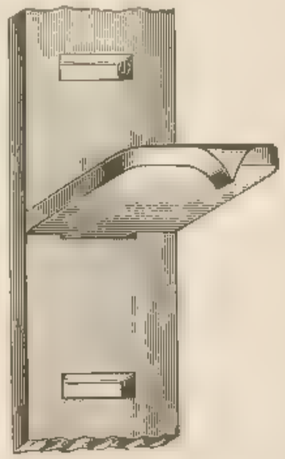
They can easily be fixed by any glazier, being put into the sash in the same manner as a pane of glass

In fixing the Ventilators care should be taken not to bind the action, and in all cases it is most desirable for appearance and action that the Ventilators should be kept clean

Special Prices for Ventilators made with Quarry Lights. Those with obscured and ornamental Glass will be charged Second Quality

Special Prices for Ventilators of irregular shape

BOOK-SHELF FITTINGS.

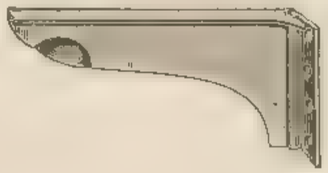


G 2203.—Iron Strip ... 3d. per foot
G 2204.—Brass Strip ... 8½d.
In 6 feet lengths, if cut 1d. per foot extra

PLATES FOR DITTO.

G 2205 Iron, 7d per doz G 2206 —Brass, 10d per doz

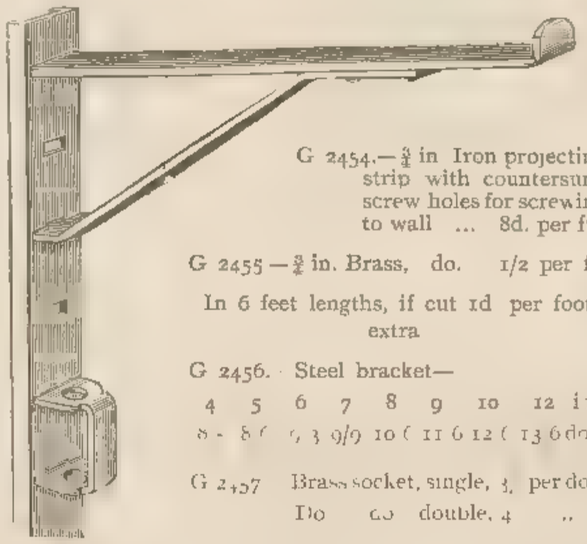
STEEL TABLE FLAP BRACKET.



G 2451

6 inch	..	..	..	6d. per pair
8 "	...	...	...	8½d. "
10 "	..	.	...	1/ "
12 "	.	...	...	1/6 "

SHOP WINDOW FITTINGS.



G 2454.—¾ in Iron projecting strip with countersunk screw holes for screwing to wall ... 8d. per ft

G 2455 —¾ in. Brass, do. 1/2 per ft

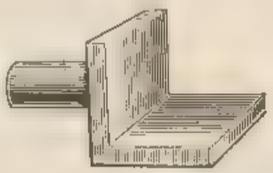
In 6 feet lengths, if cut 1d per foot extra

G 2456. Steel bracket—

4	5	6	7	8	9	10	12	14
8 -	8 6	9 3	9/9	10 6	11 6	12 6	13 6	doz

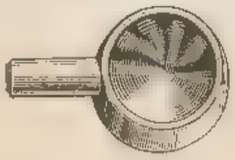
G 2457 Brass socket, single, 3 per doz
Do do double, 4 "

BOOK-CASE STUDS.



G 2207 - Malleable Iron

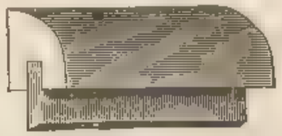
⅝	¾	⅞	1	inch.
7d	9d.	10d.	11d	per doz.



⅝	¾	inch.
G 2208 Brass, 1/3	1/8	per doz.

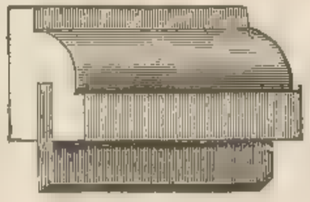
FELT WEATHER STRIPS.

G 2460 For inside of upper sash.



2½d. per foot in 7 feet lengths

G 2461.—For doors and windows



3d. per foot in 7 feet lengths

DRAUGHT TUBES AND BEADING.

G 560 —India-rubber.

⅛	3/16	¼	5/16	⅜ inch
3d.	4d	5d	8d.	11d. per yard

or 2/3 per lb.

G 560 —Baize covered, scarlet or green.

	¼ inch
6d	8d. per yard.

G 561.

G 562

G 561 .. ... 1½d. ft in 7 ft. lengths

G 562.—Cloth covered, red or green 2d. " "

Further details and special prices for large quantities will be sent on receipt of requirements.

DRAUGHT EXCLUDERS AND SASH OPENERS.

HURRICANE DRAUGHT EXCLUDER.

For Fixing in Angle or Rebate of Door or Casem nt Frame.

G 2464.—Cloth covered, crimson, green, brown and fawn ... ... 3½d. per yard

THE "CHAMPION" DRAUGHT, DUST, AND RAIN PREVENTER.

Door with Draught Preventer **OPEN.**

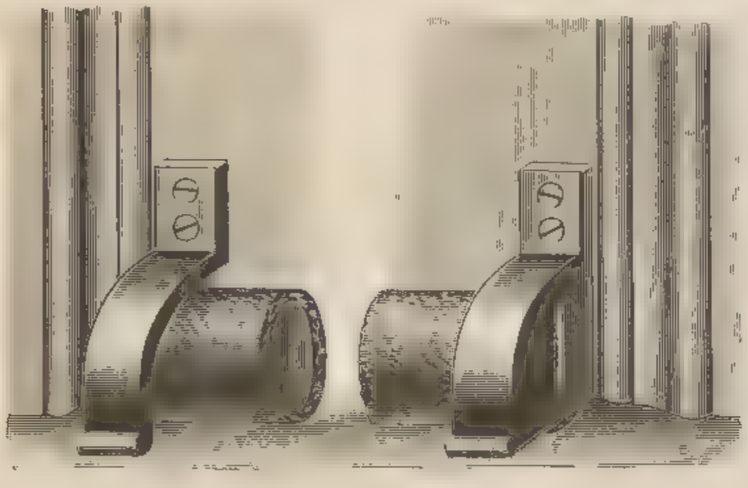
Door with Draught Preventer **SHUT.**

On shutting the Door this appliance closes the space which exists between every door and the floor or step, and on opening it automatically raises itself sufficiently to clear the carpet or other floor covering.

G 2466.—For doors up to 33 in wide ... ... 2/6 each.
" " 33 to 36 in. " ... ... 2/8 "
" " 36 to 46 in. " ... .. 3/2 "

RUSS PATENT DRAUGHT EXCLUDER.

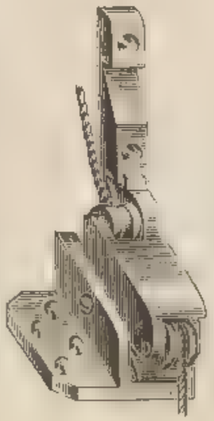
Prevents all draught and can be fixed to any door.

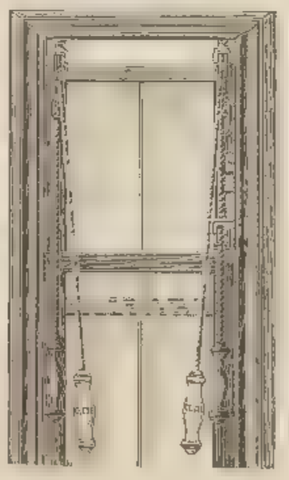


G 2465 —Consists of a Crimson Plushette Covered Roller, and two polished Brass Brackets.

For doors 3 ft wide .. .. 2/3 each.
" " 3 ft 6 in. wide .. ... . 2/6 "
" " 4 ft wide .. .. 2 9 "

POLISHED BRASS SASH FASTENER AND OPENER.

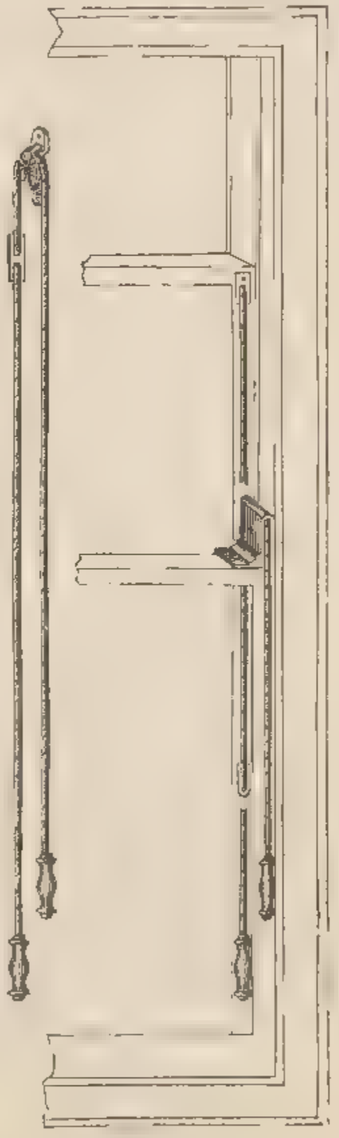




G 2467.—9/6 per set, consisting of one Fastener, two Pulleys and Plates, two China and two Wood Handles.
Cords extra, 1/8 doz. yards.

PULLEYS, HANDLES, AND CORDS.

For Opening and Closing Window Sashes.



G 6734. G 6735

G 6734 — Bronzed iron frames, brass wheels,
1/- per set,
Consisting of 2 pulleys and 2 plates.

G 6735.—Bronzed iron frames, brass wheels,
1/6 per set,
Consisting of 2 pulleys and 4 plates.

Do. do. brass frame and wheel,
3/6 per set.

G 6736.—Handles are not included in above sets; price in ebonized or oak with india-rubber rings, is 6½d. each.

Do. do small, 3½d. each.

NOTE.—G 6734 is suitable when top sash only slides

G 6737.—Best quality cable laid cord fo above,
9d per dozen yards.

Handles, G 6736.

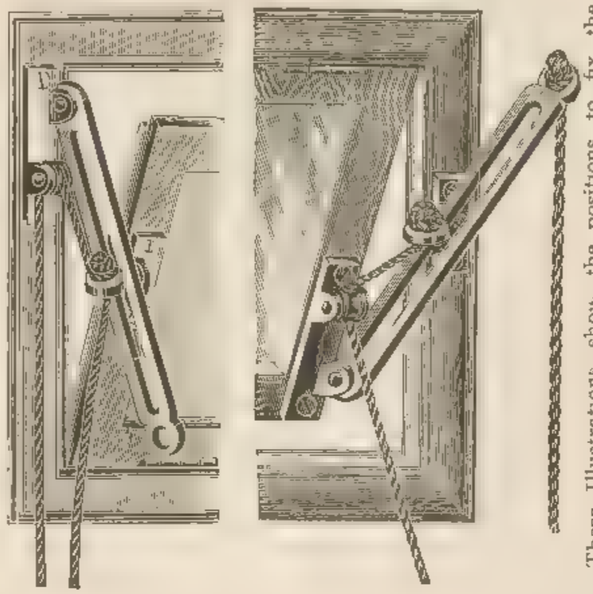
Further details and special prices for large quantities will be sent on receipt of requirements.

Patent Adjustments for Opening and Closing Fanlights and Skylights.

PICKUP'S PATENT FANLIGHT OPENERS.

For Lights *closing flush inside*, and either hung at top and opening outwards or hung at bottom and opening inwards.

The same Opener will answer for Lights hung both ways.



These Illustrations show the positions to fix the Openers and threading of Cords.

This is a simple, cheap and effective Opener for Fanlight and other windows, and will supply the want long desired of a cheap Opener for medium size windows.

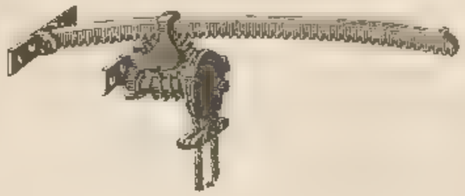
Left-hand, Fig A. Right-hand Fig. B

G 2469.—Brass, 2/6 each; Iron, 1/5 each.

G 2470.—For *Recessed* Lights, hung at bottom, opening inwards	Brass 2/8 each. Iron 1/8 each
G 2471.—For Lights hung at the top opening outwards, *closing flush outside* or Fanlights turning on centres .	Brass 2/8 each. Iron 1/8 each. Lazy Pulleys 1/1 each
G 2472.—Fanlights *hinged at the side*, opening outwards	Brass 2/8 each. Iron 1/8 each.

Reduction of 10 per cent. if ordered in dozens.

LEGGOTT'S SILENS FOR FANLIGHTS.



G 6747

	EACH
No 2. Malleable Iron with Gun Metal Working Parts	3/-
No. 2.—All Gun Metal	4/3
No 2 opens 10 in., and is suitable for Windows about 2 ft square, or similar area.	
No. 6. -Malleable Iron with Gun Metal Working Parts	4/3
No. 6.—All Gun Metal	6/6
No. 6 opens 15 in., and is suitable for Windows about 3 ft. square, or similar area	
No 8.—Malleable Iron with Gun Metal Working Parts	8 6
No. 8.—All Gun Metal	18,6
No. 8 opens 18 in., and is suitable for large heavy Windows.	

In ordering state if Fanlight opens inwards or outwards

These are made to fix in almost any imaginable position, and are always locked when open or closed

Reduction of 10 per cent. if ordered in dozens.

LEGGOTT'S "WILMOS" FANLIGHT OPENER.

G 6750.

A New Patent Fanlight Opener, worked with a rod or endless cord, and will be found efficient in working, and smart in appearance. When fixed with rod it only projects 1¼ in., except at the handle, which is 2 inches.

It is made to open fanlights inward, outward, top or bottom is easily fixed, no cutting away of wood, and no letting in required, but simply to screw on. When ordering say how light is hung.

PRICE.

Bronzed Iron, 20/-; part Gun Metal and part Iron, 31/6.

For cheaper pattern see page 249.

LEGGOTT'S NEW SILENS FOR SKYLIGHTS.

G 6750.

	EACH
No. 3. -Malleable Iron with Gun Metal Working Parts	4/-
No. 3.—All Gun Metal ...	5/8
No. 3 opens 10 in., and is suitable for Skylights 2 ft long and 1 ft. 3 in. wide	
No 5. Malleable Iron with Gun Metal Working Parts	5,8
No. 5.—All Gun Metal ...	8/-
No. 5 opens 15 ins and is suitable for Skylights 3 ft. long and 2 ft. wide.	
No. 7 —Malleable Iron with Gun Metal Working Parts	10/-
No. 7. All Gun Metal ...	25/-
No. 7 opens 18 in., and is suitable for Skylights 5 ft. long and 3 ft. wide	

For roof lights above this size we make a special powerful opener

Reduction of 10 per cent. if ordered in dozens.

G 6752.—**CORDS FOR SILENS** Green, Red, Buff and Peacock, or Blue. They are strong, pliable, and without knot There are four thicknesses—**A, B, C,** and **D.**

A is suitable for No. 2 Adjustment
B is suitable for Nos. 6 and 8 Fanlights, and No 3 Skylight.

C, in Grey only, is the same price as **B**, and is suitable for No. 5 Skylight
D, in Grey only, is one fifth more than **B**, and is suitable for No. 7 Skylight.

All Cords are measured double, thus: (9 feet.)

	4	5	6	7	8	9	10	11	12	13	14	15 feet.
Price of **A** Cords	5d	5d.	5d	8d	8d	8d.	10d.	10d.	10d.	1/1	1/1	1/1 each
,, **B** ,, .	8d.	8d.	8d.	10d.	10d	10d	1/1	1/1	1/2	1/3	1/5	1/8 ,,

G 6753.—Double-side Swivel Pulley, with centre guard and regulating pulley boss, is suitable for Nos. 2, 6, and 8 Fanlight Opener, and Nos 3 and 5 Skylight Opener. Gun Metal, 2/3 each; Iron, 1 4 each

G 6754.—Ditto, ditto suitable for No. 7 Skylight Opener Gun Metal, 3/9 each; Iron, 2/4 each. Brass Hooks t hang Cord on, 1/- per dozen.

In fixing, the Cords must not be cut or divided A Cord with a knot will not do. It is important a Hook, to hang the Cord loosely on, be used in each case, except a Weighted Slide be used.

Price: Gun Metal, 4/ each; Iron, 2/4 each.

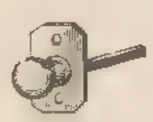
We can highly recommend the Silens for Fanlights and Skylights, and can guarantee the easy and noiseless opening and closing of any window, whatever its size, provided a suitable sized Adjustment is used.

Particulars required when Ordering—Height and width of light, how it is to open, distance from adjustment to 4 feet from the floor.

Further details and special prices for large quantities will be sent on receipt of requirements. *For Opening Gear for Larger Lights, see Wrought-iron section.*

ENTRANCE DOOR FURNITURE AND LETTER BOXES.

BELL PULLS.



G [illegible]
Brass, with china knob, [illegible] each
G [illegible]
With reeded brass knob, [illegible] each

G [illegible]
Steel bronzed china knob, [illegible] each

G [illegible]
Brass, [illegible] each

G [illegible]
Brass, 1/3 each.

G [illegible]
Brass, bronzed, [illegible] each
Iron, [illegible] each

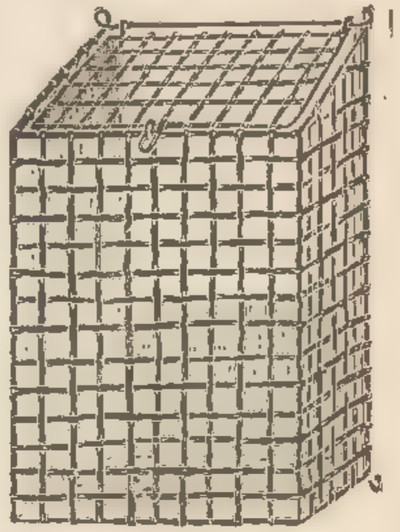
G [illegible]
Brass or 'Steel' bronzed, [illegible] each

QUADRANT BELL PULLS.

G [illegible]
Brass, bronzed, brass [illegible] each
Bronzed iron, [illegible] each

G [illegible]
Steel, bronzed brass [illegible] each
Bronzed iron, [illegible] each

LETTER CAGE.



G 2,[illegible]
11 [illegible] 15 [illegible] 5½ in
Japanned black [illegible] 2 10 [illegible] 3 3 each

G [illegible]
Brass [illegible] Iron
[illegible] in [illegible] 2 [illegible] ed, each
3½ [illegible]
[illegible]

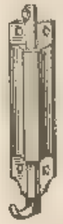
G [illegible]
Bronzed brass, [illegible] each

G [illegible] Bronzed brass
[illegible] 4½ [illegible] 5½ [illegible] each
2 0 3 3 [illegible] 4 [illegible] each
Lettered Visitors, House Office, Night, or Plain

G [illegible] Brass [illegible] 6 each.

BELL SLIDES.

G 627
Brass
1 each



G [illegible]
Brass,
1 4 each.

G 620
Brass
1 10 each

G [illegible]
Brass,
3 each

LETTER BOX.

G 2,[illegible]
12½ × 6 × 3¾ 13½ [illegible] 4 in
Japanned oak [illegible] 6 each

G 2488
[illegible] in
Japanned oak, with wire door [illegible] each
10 10 5½ in
[illegible] 10/3 each

IRON DOOR KNOCKERS (Berlin Blacked or Bronzed).

G 2480.—1/1 each
[illegible] in [illegible] in

G 2,81.—1 [illegible] each
[illegible] in [illegible]

G 635.—10d each.
[illegible] in 5½ in
G 2[illegible]83 8d each
8 in [illegible] in

G 637.—1/- each
8½ in × 3 in.

G 2184.—Iron, 1/4 each
G 2185.—Bronzed brass
5 3 each
9½ in × 3½ in

G 2482 1 6 each
[illegible] in [illegible]

G [illegible]5 1 4 each
9½ [illegible]

CENTRE DOOR KNOBS.

G 2476.—China
2¾ 3 3½ in
White 10d, 1d 1/1 each
Black [illegible] 1/1 1/3 [illegible]

G [illegible] Iron
Berlin [illegible] each

G [illegible] Iron
Berlin black, 10d each

G [illegible] Iron
Berlin black, [illegible] each
Brass, steel bronzed, 3 4 each.

LETTER PLATES.

		6	7	8	9	10	12 in
G 6[illegible]	Iron	1 1	—		2		each
"	Brass	3					"
G 639	Plain brass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G 6[illegible]	Do upright	[illegible] 10					
	Large size do	[illegible]					
G 2[illegible]	Iron [illegible] with spring	[illegible]					
G 2[illegible]	Do do upright	1					

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. *For Gate Pulls see page 29.*

ENTRANCE DOOR FURNITURE AND BELL PULLS.

POSTAL HANDLES.

G 2187.
Iron, Berlin black or relieved varnished, 1/8 each.
G 2188.—Bronzed Brass ... 9 6 each
Extreme length, 10¾ in

G 2490. Iron ... ... 1 8 each.
Extreme length, 10 in.

G 2189.
Polished brass or steel bronzed, 4/6 ea.
Extreme length, 7½ in.

G 2491.
Polished Brass ... ... 4/3 each.
Extreme length, 8 in.

G 2[illegible]
Polished Copper 10 each
Extreme length, 9¾ in.

POSTAL HANDLES AND KNOCKERS, Combined.

G 2495.—Pol shed brass . 5/3 each
Extreme length, 8 in.
Ditto do. 11¾ in. 12/6 ,,
G 2496.—Similar, polished brass, 3 6 each.
Extreme length, 7½ in.

G 2192. Polished brass ... 6 3 each.
Extreme length, 8 in.

G 2190.
Steel bronzed or polished brass . 6/- each.
Extreme length, 8 in.

G 21[illegible] Polished brass 5 each
Extreme length, 8¾ in.

GATE BELL PULLS.

G 2498. Each
Polished brass 10 6
Iron . . 4/-

G 616. Each.
Polished brass 13 6
Steel bronzed, brass .. 11 3
Iron . 7/

G 2499
Polished brass, 5/- each.

G 2500
Each
Polished brass 13/-
Steel bronzed 12/6

LEVER BELL PULLS.

G 609.
White or black china, [illegible] pair

G 610.
White or black china, 3 3 pair.
If with gold lines 4/- pair.

G 611.
White or black china, 5 pair.
If with gold lines, 6 - pair.

G 613.
Cream color china, 9 6 pair
Crystal glass 16 .
Cut crystal glass, 19 6 pair.

G 614.
All brass, 10 9 pair
G 614s.
Smaller do. 6 9 pair.
G 2[illegible] Similar pattern, machine made, 4/- pair.

KNOCKERS.

G 2492.
Polished brass, 7¾ [illegible] 6 ea.
G 2493.—Ditto, 7 × 2¼ in .. 4/- ea.

G 2501.
Polished brass 7⅝ × 4⅜ in.
5/- each.

G 2502
Polished copper 8¾ × 2½ in.
8/- each.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

ENTRANCE DOOR FURNITURE.

Suite G 2200. Suite G 2506. Suite G 642. Suite G 2507. Suite G 2508. Suite G 644. Suite G 2203

G 2200. Enamelled Iron.

Centre knob	1/3 each
Postal handle and knocker combined ..	1/6 ,,
Bell pull ...	11d. ,,
Knocker ...	1/4 ,,
Letter plate	11d. ,,

G 2506. Enamelled Iron.

Centre knob	1/- each.
Postal handle	1/10 ,,
Knocker ..	1/1 ,,
Letter Plate	10d. ,,

G 642

	Enamelled Iron Each.	Steel Bronzed, Brass Each.
Centre knob	1/-	5/-
Electric push		2/3
Bell pull...	11d.	4/3
Knocker ..	1/	5/2
Letter plate	10d	2/9

G 2507. Polished Brass.

Centre knob ...	5/9 each.
Postal handle ...	10/9 ,,
Electric push ...	5/9 ,,
Knocker .	7/6 ,,
Letter plate ..	5/- ,,

G 2508. Polished Brass.

Centre Knob	9/ each.
Postal handle	11/3 ,,
Electric push	6/- ,,
Knocker ...	9/- ,,
Letter plate	4/6 ,,

G 644. Steel Bronzed or Polished Brass

Centre knob ...	3/9 each.		
Postal handle ...	4/- ,,		
Electric push ...	5/9 ,,		
Bell pull—	4	5	6 inch
	3/-	4/3	7/ each.
Knocker	5/- ,,		
Letter plate ...	2/3 ,,		

G 2203. Steel Bronzed or Polished Brass

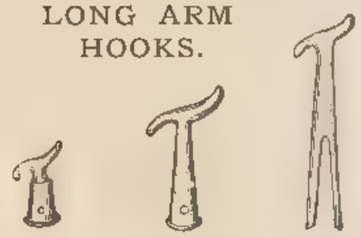
Centre knob	[illegible] each		
Postal handle	6 ,,		
Electric push	2 8		
Bell pull .	5 6		
Knocker .. .	9 6 ,,		
Letter plate,	8	10	12 inch
	5/-	7/6	10 6 ea.

For Electric Pushes, see also page 58.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

RAIL BRACKETS, SHUTTER SHOES AND BARS, &c.

LONG ARM HOOKS.



G 750. Brass, 7½d each. G 751. Brass, 10½d each. G 752. Similar, in malleable iron, 3½d. each. G 753 Polished or bronzed brass, 1/10 each.

SASH EYES.

G 754. Brass, 3/3 doz. G 755. Iron, 1/3 doz. G 756. Brass, 2/6 doz.

SASH HANDLES.

G 757. Size over all, 5¼ in., Brass, 6/- doz.

G 758. Malleable iron 5¼ in., 2/9 doz.

G 759. Size over all, 4½ 5½ in. Brass, 3/9 4/6 doz. G 2533.—Machine made, Brass, Size over all, 5½ in. 2,6 doz.

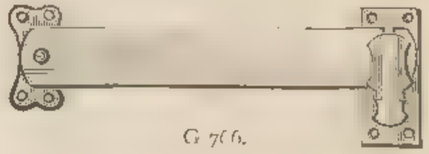
SASH STOPS.

G 760. Brass, 2/- doz G 761. Iron, 10d. doz. G 762. Brass, 5/3 doz

SASH WEDGES.

G 763.—Brass, 2/3 doz. G 2536. Wood, 3 in long 1/2 doz.

IRON SHUTTER BARS.



G 766.

8 to 10	12	14	16	18	20 inch
7½d	7½d.	8d	8½d.	9d.	9½d each
22	24	26	28	30	32	34	36 inch
10d	10½d	11d	11½d	1/	1/1	1/2	1/3 each

SHUTTER FASTENING.

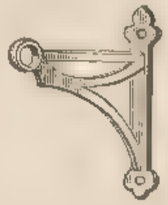
G 2534.—Japanned malleable iron, 6 in., 4/ doz
C 7025 Wrought iron, 6 in., 2/6 doz

TOWEL RAIL BRACKETS.

G 770.—Brass, to project 3 in. for ⅛ ⅝ ¾ in. tube 7d. 8d. 9d. each.
G 771 —Malleable iron, to project 2 in. for ¾ in. tube, 3d. each.

G 2535.—Brass, to project 2¾ 3 3½ in. for ⅛ ⅝ ¾ in tube. 7½d. 9½d. 1/- each.

G 772.—Brass, to project 4¾ in. for ⅜ in. tube, 1/10 each.
G 773. Single brass, to project 3¾ in. for ⅜ in. tube, 1/5 each.



G 774. Brass, to project 4 in. for ½ in. tube, 10d. each.

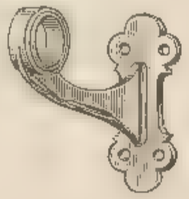
SHUTTER SCREWS.

G 2532 Brass	2 2/-	2½ 2/2	3 2,4	3½ —	4 —	5 -	6 —	8 × 5/16 in — doz.
G 767. Polished brass	5/-	5/4	5/9	6/	6/3	—	—	× 5/16 in — doz.
G 768 Brass,	—	—	7/6	7/9	8/-	8/3	8,6	× ⅜ in. 9/- doz.
G 769. Malleable iron,	2,9	3/-	3/4	3/6	3,9	—	-	× ⅜ in — doz

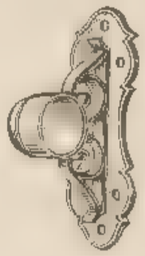
	To project 2½	3 in
G 775. Malleable iron,	5/3	6/ doz.
G 776. —Brass,	17/6	19/ ,,
G 2537 Malleable iron to drive	7 6	8/3 ,,

HAND RAIL BRACKETS.

G 777. Brass, to project 3½ in for 1¼ in. tube, 8 9 each.

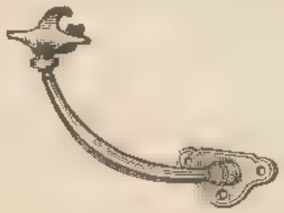


G 778. Brass, to project 4¼ in for 1¼ in. tube, 5/3 each.



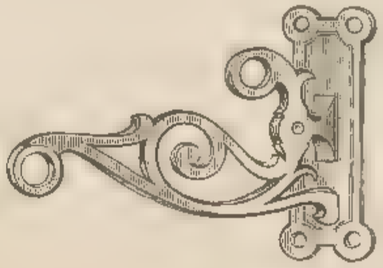
G 779. Bronzed brass to project 3 in for 1⅛ in tube, 3/6 each.

HAT RAIL BRACKETS.



G 780.—Brass, to project 7 in. for 1 in tube, 2/- each.

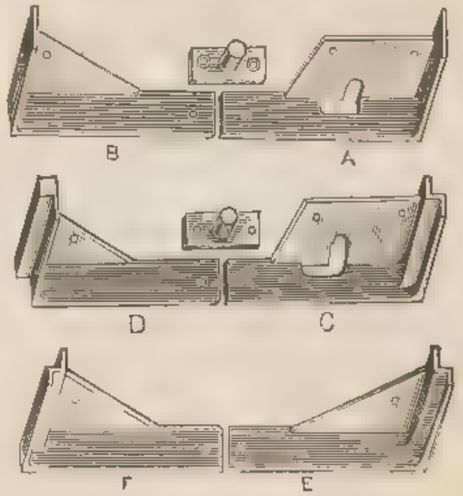
G 781. Brass, to project 10½ in. for ¾ in. tube, 9/6 each.



G 782. Brass, to project 10 in. for ⅞ in. tube, 9/6 each.
G 783.—Similar, Brass, to project 8¼ in. for ⅞ in tube, 2/6 ea.
G 784 Malleable iron, to project 10 in. for ⅞ in. tube, 2/6 ea.

SHOP SHUTTER SHOES AND FASTENERS.

(Best Malleable Iron, with Brass Pivots.)



G 785 Kept in stock for 1⅛ in wood, but may be had for 1 or 1¼ in wood at a proportionate price.

A	B	C	D	E	F	Pivots
8d.	7d	8d	7d	7d	7d	3d each

The Illustrations show the Shoes required for a window where the Shutters are put up beginning at the RIGHT hand looking from the street For the first, or right hand shutter, use the Shoes **A** and **D**, with a Brass Pivot; for the second and all intermediate Shutters use **C** and **D**; and for the last Shutter use **E** and **B**

If the Shutters are put up from LEFT to right, use the same kind of Shoes the reverse hand

Where the Shutters are put up partly from the *right* and partly from the *left* hand finishing in the middle, use the Shoes as above described, *right* and *left*, and for the middle or last Shutter use **E** and **F**, and in that case the shoe **B** will not be required In every instance a Brass Pivot is required for all the Shutters except the last, which is fastened with a Bolt and Nut

When sent out, the packages of Shoes are marked as follows:—Shoes **A** and **B**, in one package, marked "*Plain Right*," or "*Plain Left*;" **C** and **D** are marked "*Right Rebated*" and "*Left Rebated*;" and **E** and **F** are marked "*Lasts*."

G 786 Ordinary Wrought Shutter Shoes. Plain, 2/ doz; Rebated, 2,9 doz

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

STAIR AND STEP TREADS, LETTERS AND FIGURES.

STAIR TREADS.

G 794.—Hard rolled fluted brass

1⅝	1⅞	2⅜	3 inches wide
1/9	2/5	3/-	3/8 per foot.

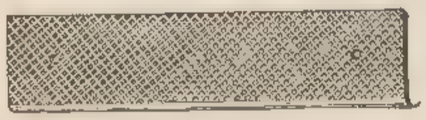
Flat do., reversible 2½ 3½ inches wide
3/- 3/8 per foot.

G 2538.—Brass, machine made.

12 W G	...	1½ 2/1	2 2/6	2½ inches wide. 2/10 per foot.
14 W G	...	1/8	2/-	2/3 ,,

G 2539.—Zinc.

2	2½	3	3½	4	4½	5½ inches wide.
1/2	1/4	1/6	1/8	1/11	2/1	2/3 per foot.



G 800.—Cast iron chequered

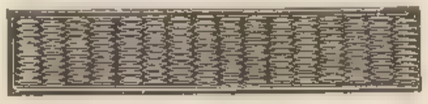
2	3	4	6 inches wide.
8d	10d.	1/2	1/4 per foot.

Single treads and lengths over 3 feet charged at a higher rate.

G 2540. Wrought iron

1½ inch wide ... ... 7d per foot.

In original lengths of about 12 feet each, cutting and drilling 2d. per foot extra.



G 2541.—Wrought iron

1⅝	2½ inches wide.
3½d.	5½d. per foot.

In original lengths of about 12 feet each, cutting and drilling 2d per foot extra.

POLISHED BRASS STALL BOARD PLATES, FOR SHOP FRONTS.

G 797.

G 798.

G 799.

Quotations on receipt of sizes.

COPPER ENAMELLED LETTERS AND FIGURES.

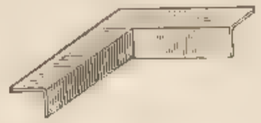
G 816.—To fix by cement to glass and other materials. Above 9 inch can be made with ears for screws.

¾ inch	Block	...	2d. per letter.	4 inch	Bold Block	...	7½d. per letter.
1 ,,	Do.	...	2d. ,, ,,	4 ,,	French	...	8½d. ,, ,,
1½ ,,	Do.	...	3d. ,, ,,	5 ,,	Bold Block	...	10d. ,, ,,
1½ ,,	Ornamental	...	3½d. ,, ,,	6 ,,	Do. do.	...	1/2 ,, ,,
2 ,,	Bold Block	...	3½d. ,, ,,	6 ,,	Roman	...	1/6 ,, ,,
2½ ,,	Ornamental	...	3d ,, ,,	6 ,,	Ornamental		1/6 ,, ,,
2½ ,,	Bold Block	...	4½d ,, ,,	8 ,,	Bold Block	...	2/3 ,, ,,
3 ,,	Do. do.	...	5½d. ,, ,,	8 ,,	Roman	...	2/8 ,, ,,
3 ,,	Roman	...	7d. ,, ,,	9 ,,	Bold Block	...	4/- ,, ,,
3½ ,,	Do.	...	8d ,, ,,	10 ,,	Do. do.	...	5/- ,, ,,
4 ,,	Do.	...	9d. ,, ,,	12 ,,	Do. do.	...	7/6 ,, ,,

Any other size, shape, or style made to order at proportionate prices

Above prices are for enamelled white. Can also be made in other colours, or gilt, silvered, or burnished. Prices of these on receipt of requirements.

POLISHED BRASS MATWELL FRAMES.

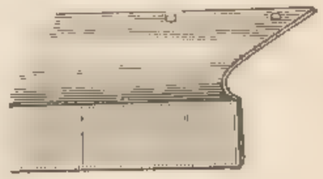


G 803.

Straight lengths, 1⅝ in. wide by 1 in. deep, 1/8 per foot.

Mitred corners, 1/6 per corner

STRONG POLISHED BRASS STEP-PLATES AND RISERS.



G 804.
Step-plate, 6 inches wide, with nosing, 4/6 per foot.
6 inch riser for do., 2/10 per foot
Made in all sizes at proportionate prices

PORCELAIN LETTERS FOR SHOP FRONTS.

GRECIAN SHAPE. EGYPTIAN SHAPE. IMPERIAL SHAPE

	In Grecian only.		In Imperial, Grecian or Egyptian.				In Egyptian only.
	2	3	4	6	8	10	12 inches.
G 805.—White marble ...	6d.	8½d.	11½d.	1/8	2/2	3/6	5/2 each
G 806.— ,, ,, and gold veins ..	1/1	1/5	1/9	3/2	4/3	5/9	8/6 ,,
G 807.—Mazarine blue ,, ,, ...	1/5	1/9	2/1	3/6	4/6	7/-	9/- ,,
G 808.—White and burnished gold bevel	3/6	4/-	4/3	5/9	7/9	12/3	16/- ,,
G 809.—Mazarine blue and burnished gold bevel	—	4/3	4/7	6/6	8/6	13/6	19/3 ,,

IMPROVED THIN PORCELAIN LETTERS, FOR ATTACHING TO GLASS.

	1½	2	2½	3	4	5 inches.
G 810.—Plain white ...	2d.	2½d	3d.	3½d.	5d.	6d. each.

17 OVAL PORCELAIN NUMBER PLATES, FOR STREET DOORS, &c

3 × 2¼ inches.

G 812.—White with black figures ... 5d. each.
G 813.—Black with gold figures ... 1/5 ,,

Every description of Number and Name Plates made to order.

Illustrations are about one-sixth full size. Further details and special prices for large quantities will be sent on receipt of requirements.

Venetian Blind Web, Blind Cord, and Sundry Brass Work.

BRASS SPRING CATCHES.

G 835. China knob, $1\frac{1}{4} \times 1\frac{1}{2}$ in. 11/6 doz.

G 836. Polished brass, with ebony knob .. } 12/- doz.
G 838.—All brass } 8/- ,,

$1\frac{1}{4} \times \frac{7}{8}$ in.
G 839. $2\frac{1}{4} \times \frac{3}{4}$ in. 12/6 doz.
G 2220, Stamped, 8/6 doz.

CUPBOARD CATCHES.

G 2544. Bronzed iron, $2\frac{1}{4} \times 1$ in 3/-doz

G 2545. Bronzed iron, $2 \times 1\frac{3}{4}$ in., 7/- doz

FLUSH RINGS.

G 832.—Brass.
$1\frac{5}{8} \times 1\frac{1}{8}$ $1\frac{3}{4} \times 1\frac{1}{4}$ $1\frac{7}{8} \times 1\frac{3}{8}$ $2 \times 1\frac{5}{8}$ in.
5/- 6/3 7/6 8/6 doz.
G 833.—Iron.
$2 \times 2\frac{1}{4}$ $3\frac{1}{4} \times 2\frac{1}{2}$ $3\frac{5}{8} \times 2\frac{7}{8}$ $4\frac{1}{4} \times 3\frac{1}{2}$ in.
2/3 3/3 4/9 doz.

BRASS FLUSH RING CATCHES.

G 834.
$2 \times 1\frac{1}{4}$ inch, 12/- dozen.
$2\frac{1}{4} \times 1\frac{1}{2}$,, 14/- ,,
$2\frac{3}{4} \times 1\frac{3}{4}$,, 16/- ,,
$2\frac{5}{8} \times 2$,, 17/6 ,,

Brass Venetian Blind Hooks

G 840. Light, $\frac{3}{4}$ in., 10/6 gross.
G 841.—Strong, $\frac{7}{8}$ in., 18/- gross,
G 842.—Strong, 1 in., 25/- gross.

CUPBOARD CATCHES.

G 830. Iron, 3/6 dozen,
G 831. Brass, 8/- dozen.

BRASS SASH EYES.

G 856.

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	inch diameter outside eye.
1/8	2/3	3/-	4/6	5/6	dozen.

SCREW EYES.

No.	1	2	3	4	6	8	10	12	14	16	18	inch diam.
	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{8}$	outside eye.
G 2221, Brass	1/-	1/2	1/6	2/	3/6	5/6	8/	13/-	19/-	24/-	32/-	per gross.
G 2222, Brightiron	5d.	$5\frac{1}{2}$d.	$6\frac{1}{2}$d.	8d.	1/-	—	—	—	—	—		,,
G 2223, Japan d or Galvanized iron	–		—	—	1/3	1/6	2/3	3/-	4/3	6/-	7/6	,,

LASHING EYES.

	$\frac{1}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in. diameter outside eye.
G 857, Brass	1/6	2/2	2/6	4/-	5/8	7/6	13/6 dozen.
G 858, Iron	—		—	1/3	1/9	2/3	3/- ,,

BRASS BINNACLE RINGS.

G 859, To screw,
$2\frac{1}{4}$ $2\frac{1}{2}$ $2\frac{3}{4}$ in. dia. outside ring.
11/6 13/6 16/- dozen.
G 860, On plate,
$1\frac{3}{8}$ in dia. outside ring
10/6 dozen.
G 861, On plate, strong,
$1\frac{7}{8}$ in. diameter outside ring, 13/9 doz

BRASS CEILING HOOKS.

G 862
$3\frac{1}{2}$ 4 in. length over all.
1/9 2/- dozen.
5 6 8 $10\frac{1}{2}$ in. length over all.
7d. 1/- 1/2 1/3 each.

G 863, Brass roses for ditto
$1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{2}$ 3 $3\frac{1}{2}$ 4 5 6 inch
7d 8d 10d 1/3 2/3 3/6 5/- 12/ 17/- doz

Brass Screw Hooks.

G 864, Light	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.	
	3/6	4/-	5/3	6/-	7/6	8/-	gr.
G 865, Strong	5/3	7/3	8/9	9/6	12/-	15/9	,,
G2546, Brassed iron	2/8	3/-	4/-	4/3	5/8	6/-	,,

BRASS CUP HOOKS.

G 2224,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
Light	3/9	5/-	6/	7/9	8/6	—	10/- gr
G 866, Strong	6/-	7/-	9/6	11/-	13/6	16/-	21/-

DOUBLE LINE HOOKS, AND CLEAT HOOKS.

G 843, Malleable iron } 3 $3\frac{1}{2}$ 4 $4\frac{1}{2}$ in. — — 1/6 — doz.
G 844, Brass, 3/ 3/6 4/6 6/6 ,,

G 845, Malleable iron } 5 6 inch 3/- 3/9 doz
G 846, Brass, 6/6 7/- ,,

G 847, Brass, 6 inch, 11/- doz.

G 848, Brass, $3\frac{1}{2}$ inch, 2/6 doz.

G 849 Iron, 4 5 6 inch. 2/3 2/9 3/9 doz.
G 850, Brass, 7/3 8/- 11/6 doz.

Young's patent.
Length of plate } $1\frac{1}{4}$ $1\frac{7}{8}$ $2\frac{1}{2}$ in
G 851, Brass, } 1/1 1/6 2/6 dz.

G 855. Paget's patent Brass.
$2\frac{1}{2}$ $3\frac{1}{4}$ 4 inch.
4/9 8/ 12/- doz
5 in., 17/6 ,,

VENETIAN BLIND WHEELS AND ROLLERS.

G 867—Boxwood, bushed.
$\frac{3}{4}$ to 1 $1\frac{1}{8}$ $1\frac{1}{2}$ inch.
3/10 4/3 5/6 gross.

G 868.—Lignum vitæ, not bushed.
1 inch.
2/6 gross

G 869. Boxwood, not bushed.
$1\frac{3}{4}$ inch.
3/6 gross

G 871.—Boxwood, bushed.
$1\frac{3}{4}$ inch.
8/4 gross

BRASS VENETIAN PULLEYS AND ROLLERS.

G 872.
Size of plate $1 \times \frac{7}{8}$
Single. 2/4
Double. $1\frac{1}{4} \times \frac{7}{8}$ 3/10 doz.

G 874A.
Single, 4/6 doz.
Double, 8/- doz
Treble, 10/6 doz

G 875.
For web,
$1\frac{1}{4}$ $1\frac{1}{2}$ in
4/ 5/3 doz.

G 873

	Single.	Double.	Treble
Size of plate	$1\frac{1}{4} \times 1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$	$2\frac{1}{4} \times 1\frac{1}{8}$ in
	5/-	8/-	10/6 doz

VENETIAN BLIND LADDER WEB.

G 883.
$1\frac{3}{8}$ inch wide,
$2\frac{5}{8}$ inch strap,
2 inch distance.

Brown	...	... 31/9 gross.
White or duck		... 33/9 ,,
Buff or green		.. 37/- ,,

KNOT OR TASSEL HOLDERS.

G 886 888. 889

G 886—Brass	...	11/- gross.
G 888.— ,,	...	9/6 ,,
G 889.— ,,	...	10/6 ,,

VENETIAN BLIND ACTIONS.

G 876.
Hatton's Patent,
2 3 cord.
8/9 13/3 dozen

G 2226.
Beaumont's patent.
2 3 cord
2/3 3/- dozen.

G 880.
Everard's patent
2 3 cord.
11/- 13/6 dozen.

BEST THREAD BLIND CORD.

G 884, White or green,	2	$2\frac{1}{2}$	3 lbs gross.
	5/2	6/2	7/3 yds.
Brown	4/8	5/6	6/4 ,,

BEST GLACIE BLIND CORD.

G885, No.	1	2	3	4	5	6	7	8
White, green, crimson, buff, or drab,	3/3	3/6	4/6	6/-	7/6	9/-	12/-	16/- gross yards
G885A ,, 2nd qlty.	2/6	2/8	3/3	4/3	5/2	6/3 gross yards		

Illustrations are about one-sixth full size, except Blind Cord, which is full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

DRAWER KNOBS, BUTTONS, AND BLIND FURNITURE.

DRAWER KNOBS.

G 890 to 899 G 900 G 901 G 902 G 904

	1	1¼	1½	1¾	2	2¼ inch.
G 890.—White china, iron screw	1/5	1/6	1/9	2/2	2/5	2/11 doz.
G 892 D Dixon's wood screw			1 10	2 3	2 6	3/- ,,
G 2543. Black do do.			2/2	2 9	3 10	4 3
G 893.—Japanned black wood, wood pin	6½d	7d.	8d	8½d.	9d.	10d. ,,
G 2549 Do. Dixon's wood screw	—	-	10d.	11d.	1/-	1/1 ,,
G 895.—Imitation mahogany, wood pin... ...	11d	1/-	1/1	1/2	1/3	1/4 ,,
G 2550.—Do. Dixon's wood screw	—	—	1/1	1/2	1 3	1 4
G 897.—Mahogany do do		—	1/5	1/7	1 8	2 10 ,,
G 898.—Birch do. do.	--	—	1/1	1/2	1 3	1 4
G 899. Oak do do.		—	1/5	1/7	1 8	1 11
G 900.—Mahogany do. do		—	1/8		2	2 2
G 901. Do. pearl centre, Dixon's wood screw	—	—	2/-		2/6	2/8 ,,
G 902.—Zebra wood do. do	-	—	2/4	-	2/10	3/- ,,
G 903.—Do. pearl centre, Dixon's wood screw	—	—	—	—	-	3/6 ,,
G 904.—Crystal glass ...	1/6	1/8	1/10	2/	2/6	3/-

ROLLER BLIND ENDS.

	1⅜	2	2¼ inch.
G 905.—Brass, with brackets ...	3,9	—	— dozen.
Do. do without brackets ..	3/	—	— ,,
G 906.—Strong brass, with brackets	4/4	5/10	— ,,
Do. do. without brackets	3/6	5/-	— ,,
G 907.— do. with brass pins, with brackets	5/6	8/6	11/- ,,
Do do without brackets	4 4	6 6	8,6 ,
G 908. Extra strong do with brackets	11,	14,6	17,6 ,,
Do do without brackets	8 6	11/3	13/9 ,,
G 909.—Bronzed iron, with brackets, 1⅛ inch,			1/3 ,,

ROLLER BLIND BRACKETS.

G 2551. G 913—15. G 916 G 917

G 2551.—Bronzed iron			10d dozen pair
G 913.—Brass ... doz. pair	3/-	G 916. Brass,	G 917 Brass,
G 914. Tinned, cast iron ,,	1/3		
G 915. Japanned, malleable iron ... ,,	2	5/3 doz. pair.	4/2 doz pair.

BUTTONS.

G 2552-3, G 932 G 2554 G 2555 G 933 4 G 935 6. G 937

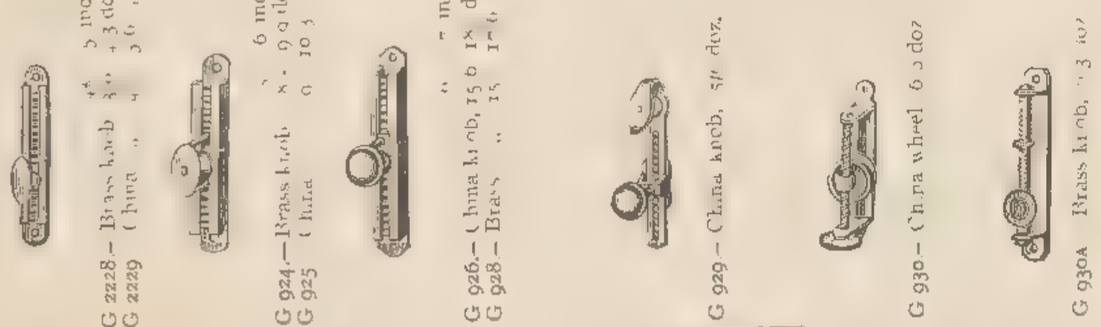
	1	1¼	1½	1¾	2	2¼	2½ in.
G 2552.—Light iron ...	—	—	2d.	2½d.	3d.	—	— doz.
G 2553.—Strong, iron ..	—	—	2½d.	3d.	4d.	5d.	6½d. ,,
G 932.—Brass ...	5d.	8d.	10½d.	1/2	1/3	1/9	— ,,
G 2554.—Iron		—	—		3d.	3½d.	4d. ,
G 2555.—Do. ..	—	—	—	—	1/5	1/7	— ,,
G 933.—Do. .		—	—	1/6	1/9	2/-	,,
G 934 Brass			4 6	5 3	5 9	7 -	9 6 ..
G 935.—Iron, with stop					2 6	2 6	3 10
G 936.—Brass .	—	-	—	—	7/-	8,9	11/3 ,,
G 937.—Do. with half staple	—	-	—		8/9	—	— ,,

BLIND FURNITURE.

With 4 feet Wood Rollers and Laths complete.

1 1¼ in. roller. 1 1¼ in. roller.
G 2232. Iron, 7/2 11/9. G 2233.—Brass, 22/6 26/9 doz. sets.

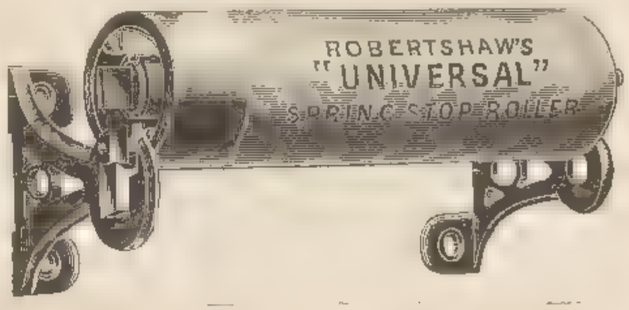
BRASS BLIND RACK PULLEYS.



G 2228.—Brass knob, 3/- doz.
G 2229 China ... 3/6 ,,
G 924.—Brass knob, 8/- doz.
G 925 China 10/3 ,,
G 926.—China knob, 15/6 doz.
G 928.—Brass ,, 15/- ,,
G 929.—China knob, 5/- doz.
G 930.—China wheel 6/3 doz.
G 930A Brass knob, 7/3 doz.

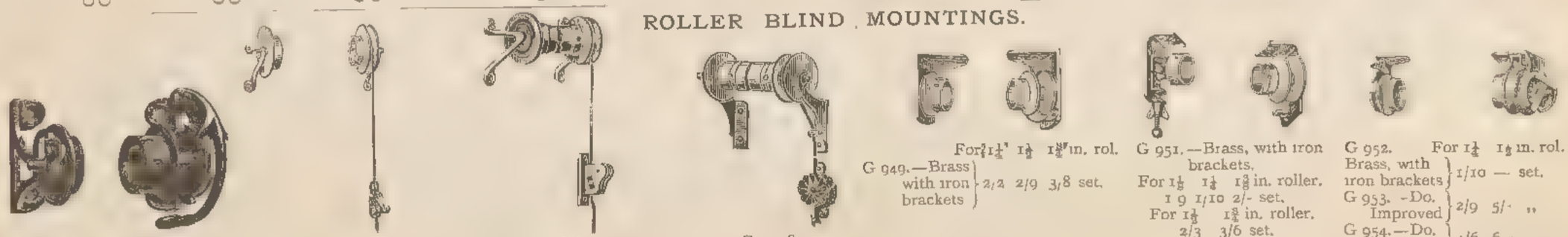
SPRING BLIND FURNITURE.

With 4 feet Wood Rollers and Laths complete



G 2234 Brass with iron brackets 1¼ in roller 9/- 1½ in roller per dozen sets
G 2235 Better quality 1¼ in roller 9/- 1½ in roller doz sets
G 2234 may be had longer at an extra cost 1¼ in 2/6 and 1½ in 3/6 per dozen for every 6 inches
G 2236 Hartshorn's Patent 42 × 1 in. 9/-; 48 × 1¼ in. 13 9; 54 × 1¼ in. 16 8, 60 × 1½ in. 30/- dozen sets.

ROLLER BLIND MOUNTINGS.



G 2559. Iron, 7/2 ⅝ inch roller, 5/3 dozen sets

G 2231.—Brass, 1¼ 1¼ in roller 12/6 13,- doz. sets, with cleats

G 2557.—All brass. 1 1¼ 1¼ 1½ 1¾ 2 in roller, 2,6 2,7 3/- 3 7 4,6 5, per set with cleats.

G 2558. All brass, for 1¼ inch roller 9/8 doz sets

G 949.—Brass with iron brackets For ⅞ 1¼" 1½ 1¾" in. rol. 2/2 2/9 3/8 set.

G 951.—Brass, with iron brackets. For 1⅛ 1¼ 1⅜ in. roller. 1 9 1/10 2/- set. For 1⅛ 1¾ in. roller. 2/3 3/6 set.

G 952. Brass, with iron brackets For 1¼ 1½ in. rol. 1/10 — set.
G 953.—Do. Improved 2/9 5/- ,,
G 954.—Do. all brass 4/6 6 5

WOOD ROLLERS AND LATHS ONLY.

G 2236.—48 in. long ... ... 1 in. 2/8, 1⅛ in. 3/4; 1¼ in. 3/9 dozen.

Illustrations are about one sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS AND IRON HAT PINS, HAT AND COAT HOOKS.

HAT HOOKS.

	2	2½	3	3½	4 in.
G 960 —Brass	1/6	2/3	3/4	4/6	5/6 doz.
G 961 — ,, with china knob	2/9	3/8	4/3	—	— ,,
G 962 Iron	10d	11d	1	1 2	1 4 ,,

HAT PINS.

	4	4½	5 in
G 963 —Brass	4/-	4/6	5/- doz
G 964.—Cast iron	9d.	10d.	1/- ,,
G 965 — Malleable iron	2/3	2/6	2/10 ,,

G. 966.
Brass, with china knob, 1½ inch 6 3 dozen

HAT HOOKS.

G 968.
Brass, with china knob, 5 inch 6/6 dozen.

G 2564.
Brass,
2¼ 4½ inch.
5/6 10/6 dozen.

G 2565.
6 inch.
Brass 15/ dozen
Copper 20/- ,,

SAFETY HAT HOOKS.

G 970.—Brass, 5/6 dozen.
G 971
Malleable iron, 2/- dozen.

G 972. Brass 6/- dozen
G 973.
Bronzed iron 2/3 dozen

G 974–978.
G 974 Brass ,, 1½ 1¾ 2 2¼ in
2/2 2/3 3/- 4/- doz.
G 975 — ,, with china knob — 3/9 ,,
G 976 Cast-iron 9d 10d. ,,
G 977.—Malleable iron ... 10d. 1/1 1/4 ,,
G 978.—Ditto Copper-bronze 1/1 1/3 1/8 ,,
G 978A. Dead lacquered brass, machine made ... 1½ in., 9½d. ,,
G 978B.—Burnished brass, do 1½ in. 1/6, 1¾ in. 2/-

WARDROBE HOOKS.

G 2568.
2½ inch
Brass, 9/6 doz.
Copper, 12,6 ,,

G 2569
1¾ inch,
Brass,
5/- doz.

G 979.
Brass, 2 in 3/9 doz
G 979A. Machine made brass, 1¾ in., 1/6 doz.

G 981
Brass with china knob,
2½ inch,
3/6 doz.

G 983.
Brass
For ¾ inch rail,
4/6 dozen.

G 984.
Brass,
3½ inch,
5/- doz.

REVOLVING WARDROBE HOOKS.

G 985 —Brass,
2 inch, 8/- doz
G 986.—Brass,
2⅞ inch,
12/- doz.

G 2570 2-hook, Electro-gilt steel, machine made 1/9 doz.
G 2571.—4-hook, 2/8 doz.

HAT AND COAT HOOKS.

	5	6	7½ in.
McEvoy's Registered			
G 2575.—Wrought-iron, brass figures ...	—	47/- 4/2	— gross — doz.
G 2576 With attachable Number plate Painted Figures	— —	32/9 2/11	— gross — doz.
G 998B. Without Number plate ...	8 4 9½d.	9 4 10½d.	1 5/8 gross 1/5 doz.

G 988A 991.

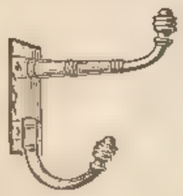
G 988A.—Common japanned iron,

Size No.	0	1	2
	6	6½	7 in.
	1/1	1/2	1/4 doz.
	4¾	5¾	6¾ in.
G 989 —Brass ...	—	7/-	— doz
G 990 Malleable iron ...	2/-	2/9	3/4 ,,
G 991.—Malleable iron, copper bronzed	3/-	3/9	4/3 ,,

G 2240.
Bronzed iron,
5 inch,
10½d. doz.

G 992 Brass with reeded brass knob 6 7¼ in. 10/- doz
G 993.—Brass, plain knob ... 5/3 9 6 ,,

G 994 Brass
6¼ in, 22/- doz
G 2577.—Lighter,
10/- doz.



G 2578
Brass
4 inch,
12/6 doz.

G 2241 —Brass.
5½ 6½ 7 in
7 3 10 12 6 doz

G 997.—Brass, with china knob 6 6½ 7½ in
5/3 7/- 9/6 doz.
G 998 - Fancy brass with china knob 6 6 9/6 — ,,

G 999.—Brass, with china knob 7½ 8 in.
11/6 15/- doz

G 1001A.—Brass with china knob 4 in
13 doz.

G 2572.
Brass,
6½ inch
12/- doz

G 2573
6½ inch.
Brass 22 doz
Copper, 33 ,,

G 2574
6 inch
Brass
14 6 doz

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

DESK RAIL, CASTORS AND SUNDRY BRASS FOUNDRY.

JAPANNED IRON SASH KNOBS.

(G 2246)
[illegible] 1½
4d [illegible] d [illegible] d.
1¾ 1¾ in
10½ 1 5 doz

BRASS SHUTTER KNOBS.

G 2247
1 1⅛ 1¼ 1⅓ in.
1/2 1/4 1/8 2/8 doz.

GLASS SCREWS.

G 2248.
Mahogany or birch.
1¼ 1½ in.
4/- 4/6 doz pair.

GLASS MOVEMENTS.

G 2249 Brass.
2 × 5/16 2⅜ × 7/16
7/6 13/-
2½ × ½
19/- doz pair.

CUPBOARD TURNS.

G 939.—
Iron
1¼ 1½ in.
1/6 1/10 doz.

G 941 — 1¼ 1½ inch.
Brass knob ... 2/6 3/4 doz.
White china do 3/9 4/8 ,,
Black do do. 4/3 5/6 ,,
G 943.—Mahogany or oak ... 5/6 6/- ,,
G 944.—Ebony 6/6 7/6 ,,

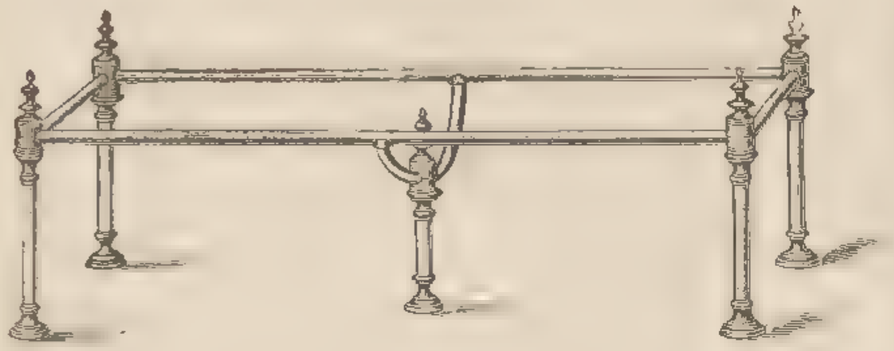
G 2130.
Nickel-plated,
20/- doz.

(Improved with stop)
Inch 1¼ 1½
G 945 —Brass knob 3/6 4/6
G 946 —China do 5/- 6/-
G 947.—Mahogany, oak, or ebony ... 9/6 —
per doz.

BRONZED IRON BALL BEARING CASTORS.

G 2581.
2½ 3 4 in. bowls
7/- 9/- 10/- set.

BRASS DESK RAILS.



G 816. Pillars ¾ ⅞ 1 inch diameter.
Corner pillars up to 16 in high ... .. 4/9 5/6 6/3 each
Centre ditto .. .. 7/- 8/- 9/- ,,
¾ ⅞ ⅞ inch.
Brass cased rail fitted for ditto ... ... 8½d. 8½d. 10d per foot.

DRAWER PULLS.

G 910.
Brass, 2/- dozen.
Iron 2 ,,
G 2250 Fancy
Brass, 2/8 dozen

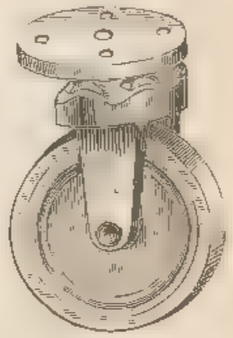
G 911
Brass, 4/8 dozen.
Bronzed Iron,
1/3 dozen

G 912.
Brass, 10/6 dozen.

DRAWER PULL AND CARD FRAME.

G 2580
Brass ... 6/- dozen

FOUR-WHEEL IRON BASKET CASTORS.



G 1035.
With india-rubber tyre,
6 in. bowl ... 44/- set.
One-wheel ditto, 2½ in.
bowl ... .. 22/ set.

LIFTING HANDLES.

	3⅝	4¼	4¾	5	5½	6 in. out to out.
G 918.—Brass	3/9	4/9	6/3	7/-	9/	11/3 dozen
		3¾	4	4⅝	4¾	5¼ in. out to out
G 919.—Iron ..		1/6	1/8	2/3	2/9	3/- dozen.

SINGLE PILLAR FOR CONTINUOUS RAILING.

	12	15 inch
¾ inch	6/-	6/6 each.
⅞ ,,	7/6	8/- ,,
1 ,,	9/6	10/- ,,

G 2582. Brass

COUNTER RAIL BRACKETS.

G 2583
Brass
for ¾ in tube,
1/4 each.

G 2584
Brass
for ⅞ in. tube,
1/9 each

WINDOW GUARD BRACKET.

For ½ in. tube.
G 2585
Brass, 2/9 dozen

BRASS DRAWER HANDLES.

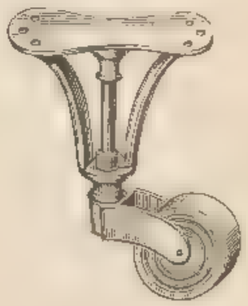
G 920.
3 4 inch.
9/- 12/6 dozen

G 921.
2 2¼ 2½ 3 3½ 4 inch.
4/9 5/- 5/6 7/- 9/- 11/6 dozen.

JAPANNED CHEST HANDLES.

Number	0	1	2	3	4	5	6	
About	3¾	4¼	4½	4¾	5	5¼	5½	inch.
G 2252	1/-	1/4	1/8	2/1	2/4	—	—	dozen pair.
G 2253 —Strong ...	2/10	3/9	4/8	5/6	6/6	7/6	8/6	,,

IRON FRENCH CASTORS WITH WOOD BOWLS.



G 1036.
8 10 12 14 in. high
9/9 11/- 13/6 14/6 set.

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Brass and Iron Castors, and Brass Cabinet Handles, &c.

CASTORS.

G 1010–12. G 1013 G 1014–15. G 1016–17. G 2590–91 92 G 2593. G 1018. G 1019–20. G 1023 26. G 1027 30. G 2594 G 1032. G 1033 G 1034.

	1	1⅛	1¼	1⅜	1½	1¾	2	2¼ in.
G 1010. Iron with brass bowl		—	1/9	1/11	2/1	2/6		— set.
G 1011.— ,, ,, wood ,, ...	—	—	6d.	—	7d.	—	—	— ,,
G 1012.— ,, ,, china ,, ...	—	—	7d.	—	9d.	—	—	— ,,
G 1013. - ,, plate, brass horns, with china bowl ...	1/4	1/7	1/10	2/2	2/4	-	—	— ,,
G 1014 Three-wheel, iron, with wood bowl ...		—	—	—	1/1	1/4	1/7	2/- ,,
G 1015.— ,, ,, ,, ,, iron ,, ...	—	—	—	—	10½d.	1/1	1/4	1/10 ,,
G 1016.—Iron plate, brass horns, and bowl ..	—	—	3/8	4/3	5/-	—	—	— ,,
G 1017.—All brass			4/6	5/10	7/-	-	—	— ,,
G 2590 —Japanned, with wood bowl	—	—	4d.	—	5d.	8d.	—	— ,,
G 2591. ,, ,, china ,, ...	—	—	5½d.	—	8d.	10½d.	—	— ,,
G 2592.—Brass, with china bowl			2/-	—	2/6	3/6	—	— ,,
	1¼ × 1⅞		1⅝ × 2⅛		2 × 2⅜		2¼ × 2⅞	in.
G 2593. All iron, with ball bearings	1/3		1/5		1/8		2/6	set.
		1½	1¾		2	2¼	2½	in.
G 1018.—Iron, with china bowl	—		2/-		—	—		set.

			1½	1¾	2	2¼	2½ in.		
G 1019.—Iron, with wood bowl			1/9	2/2	2/4	2/9	3/2 set.		
G 1020 — ,, brass horns, with china bowl				4/6	5/6	7/3	— ,,		
	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2 inch.
G 1023. -Iron, with china bowl	—	—	10d.	11d.	1/-	—		—	— set.
G 1024.—All brass	—	—	2/	2/4	2/8	—	—	—	— ,,
G 1025.—Brass, with china bowl	1/4	1/5	1/6	1/8	1/11	—	—	—	— ,,
G 1026.— ,, ,, ,, ,, best ...	1/6	1/7	1/8	1/10	2/-	2/4	2/10	—	— ,,
G 1027.—All brass, light	—	—	2/2	2/6	2/10	3/3	3/9	—	— ,,
G 1028.— ,, strong	2/6	2/8	2/10	3/3	3/9	4/4	5/-	10/-	15/6 ,,
G 1029.—Brass, with china bowl, light ...	1/7	1/8	1/10	2/2	2/6	3/1	3/9	—	— ,,
G 1030.— ,, ,, ,, ,, strong ...	1/10	2/-	2/4	2/10	3/3	4/-	4/10	7/-	9/- ,,
G 2594 —All brass	2/6	2 10	3/2	3/6	3/11	4/6	5/3	—	— ,,
G 1032 —Patent ball castors, brass... ...	—		3/6	3/6	3/6	—	—		— ,,
G 1033.— ,, ,, ,, ,, ...	—	—	3/8	3/10	4/-	—	—	—	— ,,
G 1034. ,, ,, ,, ,, ...	—	—	—	.	—	—	5/-	—	5/6 ,,

BRASS CABINET HANDLES.

	Outside ring.							
G 1040. Stamped	1	1¼	1½	1⅝ in.				
plate	1/6	2/3	2/9	3/6 doz				
G 1041 Cast plate	4/3	4/9	5/6	6/3 ,,				
G 1042 Cupboard turn to match, 1 inch, 10/6 doz.								

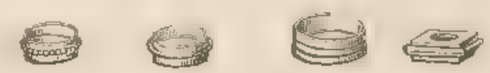
G 1043.	Outside ring							
Outside ring	1¼	1½	1¾ in.					
G 1044.	13/	13/9	17/ doz					
G 1045 Pedestal handle to match,	13/9 ,,							
G 1046.—Wardrobe, do, 18/3 ,,								

G 1047.								
Length of drop	1⅛	1¼	1½	1⅝ in				
	7/6	9/-	11/-	14/6 doz				

G 2595.								
Drawer knob, with wood screw.	½	¾	1	1¼	1½	2 in.		
	1/8	2/3	3/-	4/3	6/3	9/- doz		

G 2596.								
Diameter of plate.	¾	1	1¼	1½	2 in			
	2/-	2/6	3/3	4/	6/3 doz.			

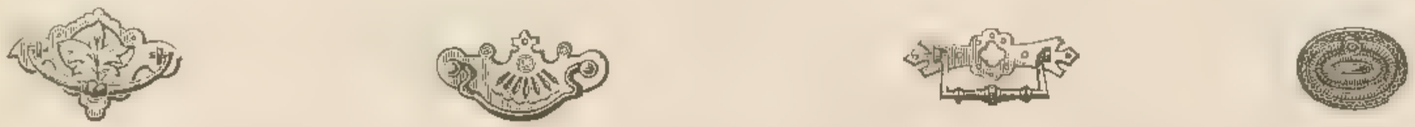
BRASS CASTOR RIMS.



	G 1037.	G 1038.	G 1039.	G 1039A.				
G 1037 Cast	¾	1	1¼	1½	1¾	1	11.	
Beaded	7d	8½d	9d.	9d.	11d	1/-	set	
G 1038 Cast Plain	6d	6½d.	7d.	7½d	8d.	9½d	10½d.	
G 1038A Machine made Plain	2½d.	2½d.	3d.	3½d.	4d.	5d.	6d. ,,	

	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2	2¼ in.
G 1039.—Cast	—	—	—	—	—	—	—	—	1/6	1/8 2/ set
G 1039A. ,,	1/1	1/2	1/5	1/7	1/9	2/1	2/3	—	—	— ,,

Brass CABINET ESCUTCHEONS.



Length of plate	2½	3	4	4¾ inch.				
G 2256.	4/3	4/9	6/-	7/6 doz.				
G 2257. Pedestal handle to match, 8/- ,,								
G 2258. Wardrobe, do. ... 9/6 ,,								
G 2259.—Escutcheon, do ... 2/ ,,								
G 2260 Hinge plate, do, 2½ in, 1/2 pair								

Length of plate	2	2⅜	3⅜	4½	5½ in.			
G 6680.	3/6	4/3	5/-	6/8	9/- doz			
G 6681.—Pedestal handle to match, 5/6 ,,								
G 6682.—Wardrobe, ditto... ... 6/9 ,,								
G 6683. -Escutcheon, ditto ... 1/2 ,,								
G 2264 Hinge plate do, 2½ in., 4d. pair								
G 6679.—Cupboard turn 5/- doz.								

Length of plate	2¼	3½	4¼	4¾	5½ in.			
G 1060	5/9	7/6	9/-	10/6	13/3 doz.			
G 1061 —Pedestal handle to match, 10/- ,,								
G 1062.—Wardrobe, ditto .. ... 13/6 ,,								
G 1063.—Escutcheon, ditto ... 1/3 ,,								
G 2261 -Hinge plate, do., 2½ in., 9d pair								

G 2597								
Length of plate.	1⅝	2⅜	3 inch.					
	4/6	6/9	9/- dozen.					
G 2598.-Escutcheon to match, 1/9 dozen								

Brass CABINET HINGE FRONTS

Length of plate	2½	3½	4 in.					
G 2599.	2/6	3/6	4/6 doz.					
G 2600 Pedestal handle to match ..	4/6 ,,							
G 2601. Wardrobe, ditto .	5/6 ,,							
G 2602. Escutcheon, ditto 1/- ,,								

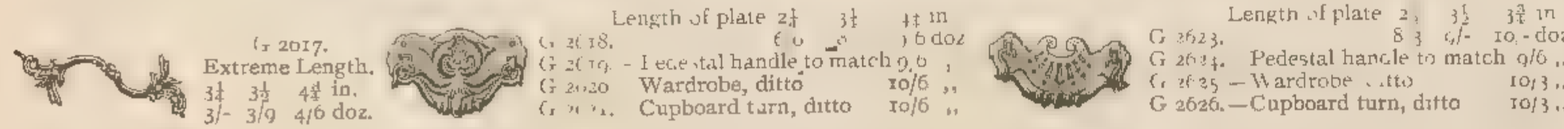
Length of plate	2½	3½	4 in.					
G 2604.	3/6	4/6	5/6 doz.					
G 2605. Pedestal handle to match ...	4/6 ,,							
G 2606. Wardrobe, ditto .	5/6							
G 2607.—Escutcheon, ditto 1/- ,,								

G 2609.								
Length of plate.	3½	inch.						
	11/-	dozen.						

G 2610.								
Length of plate.	2½	3½	4¼	inch.				
	6/9	8/6	10/6	dozen.				
G 2611 Escutcheon to match, 1/6 dozen.								

Extreme Length	2½	3¼	4¼ in.					
G 2613.	7/-	8/-	9/6 doz.					
G 2614. Pedestal handle to match	8/- ,,							
G 2615. Wardrobe, ditto 10/								
G 2616. Cupboard turn, do. 9/- ,,								

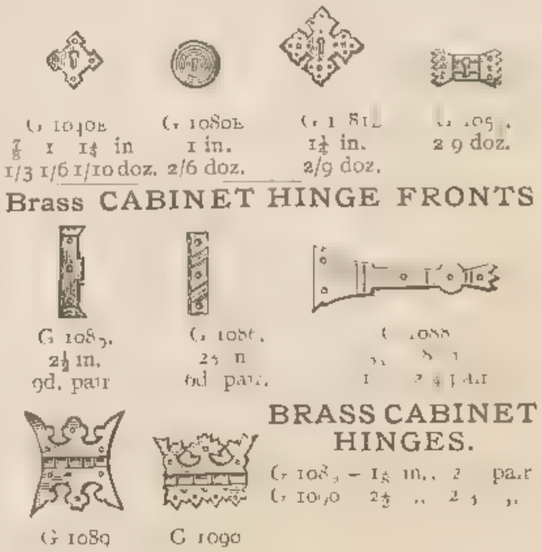
BRASS CABINET HINGES.



G 2017.								
Extreme Length.	3¼	3½	4¼ in.					
	3/-	3/9	4/6 doz.					

Length of plate	2¼	3¼	4¼ in					
G 2618.	6/6	8/-	9/6 doz					
G 2619. - Pedestal handle to match	9/6 ,,							
G 2620 Wardrobe, ditto	10/6 ,,							
G 2621. Cupboard turn, ditto	10/6 ,,							

Length of plate	2½	3½	3¾ in					
G 2623.	8/3	9/-	10/- doz					
G 2624. Pedestal handle to match 9/6 ,,								
G 2625.—Wardrobe ditto 10/3 ,,								
G 2626.—Cupboard turn, ditto 10/3 ,,								



G 1040B G 1080B G 1081 G 1085.
⅞ 1 1¼ in 1 in. 1¼ in. 2 9 doz.
1/3 1/6 1/10 doz. 2/6 doz. 2/9 doz.

G 1085. G 1086. G 1088
2½ in. 2½ in. [illegible]
9d. pair 6d pair. 1 [illegible] pair

G 1089 G 1090

BRASS CABINET HINGES.

G 1085 — 1½ in., 2 pair								
G 1090 2½ ,, 2 ,,								

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MUSLIN CURTAIN FITTINGS AND SHELF BRACKETS.

BRASS CURTAIN HOOKS.

G 1091, 1/10 gross,
G 1092, Strong, 3/3 gross.

G 1093.
2/- gross.

G 1094.
2/6 gross.

G 1095, 2/- gross.
G 1096 Strong, 3 - gross.

G 1097.
3/- gross.

G 1098, 2 6 gross.
G 1099, Strong, 3/6 gross.

G 2000.
5/- gross.

BRASS CURTAIN RINGS.

G 2001, Hollow ...	6d.	8½d.	1/-	1/3	1/6	1/8	2/9	6/-	1¾ in. inside measurement. 8 6 gross.
G 2002, Solid ...			6/8	8/-	9/6	11/-	13/3	16/6	1¼ in inside measurement. 18/- gross

MUSLIN CURTAIN FITTINGS.

G 2003 —The "Simplex" blind tightener, 7/6 per doz pairs.

WINDOW LATH BRACKETS.

G 2630

G 2631

G 2630.—Brass .. .. 1,3 dozen.
G 2631.— ,, ... 1/3 ,,

G 2006

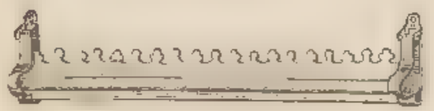
Brass brackets for ⅜ ½ in. tube
G 2006 7/- 9/6 doz pairs.

G 2008.

G 2008 4/6 5/6 ,, ,,

G 2009

G 2009 9,6 — ,,


G 2011

G 2011 7/9 — ,, ,,

Brass Case tube for above ⅜ ½ inch.
In original lengths 3d. 3¾d. per foot.
If cut to lengths 3½d. 4¼d ,,

Brass Muslin Bands, 1½ in. wide, plain, as G 2009, 10d. ; fancy, as G 2011, 1/4 per ft.

Muslin Bands Above prices are for stock lengths, *viz.*, 30, 32, 34, 36, 39, 42, 45, 48 in
Special lengths charged extra.

TINNED FLUTED BRACKETS.

	5 × [illegible]	6 × [illegible]	7 × [illegible]	8 × [illegible]	10 × [illegible] inch
G 2022, Driving ... Per cwt	6d.	7½d.	9d.	1/-	1,6 dozen.

	3 × 2 × [illegible]	3 × [illegible] × [illegible]	4 × 3 × [illegible] inch.
G 2023, Angle, fancy ends	6d.	7d.	9½d dozen
	5 × 3½ × ¾	6 × 4 × ⅝	7 × 5 × ⅞ inch.
Per cwt	1/1	1/4	1,6 dozen

SHELF BRACKETS.

	2	2½	3	4	5	6 in.
G 2029, Berlin black iron	1/2	1/4	1/8	2/3	3/-	4/- doz
G 2029B, Brass	2/6	3,9	4/6	7/-	8/9	9/3 ,,

G 2025. Japanned steel

4 × 5	5 × 6	5 × 7	6 × 8	7 × 9	10 × 12	12 × 14 in.
1/5	2/2	2/6	2/9	3/3	6/8	8/6 doz.

G 2026.—Malleable iron for glass shelves,

3	4	5	6	7	8 in
2/-	2/6	3,6	4/-	5/-	6,8 doz.

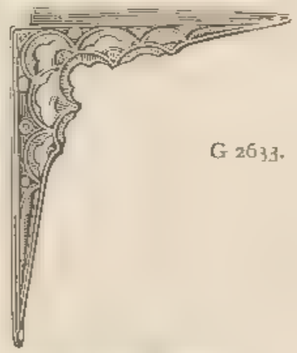
G 2027. Brass for glass shelves,

3	4	5	6	7	8 in
5/9	6/9	8/3	10/	13/-	16/ doz.

G 2268 —Cast iron

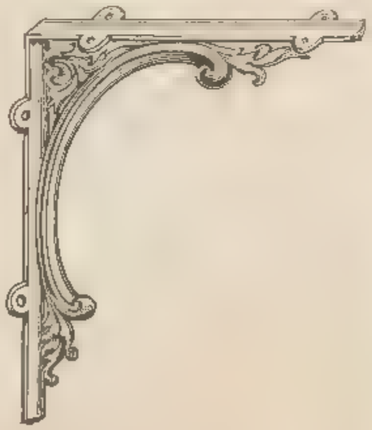
4 × 6	5 × 7	6 × 8	7 × 9	8 × 10	10 × 12 in.
1/6	1/10	2/6	3/9	4/-	6/- doz

12 × 14	14 × 16 in.
7/6	9/6 doz



G 2633. Green varnished iron,

4 × 5	5 × 6	6 × 8	8 × 10 in.
1/8	2/3	3/6	5/3 doz



G 2269 —Cast iron.

10 × 12	12 × 14	14 × 16 in.
12/-	15/-	18/ dozen.

G 2267. Green varnished iron,

3 × 4	4 × 5	5 × 6	6 × 8	8 × 10	10 × 12 in.
1/4	1/10	2 6	3 8	5/	7/6 doz.

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Tassel Hooks, Cornice Pole Brackets and Counter Guard.

BRASS TASSEL AND CURTAIN HOOKS.

G 2030A —2⅜ in. . 2/ doz.
G 2031A. 2⅝ ,, ... 2/4 ,,
G 2032A.—3 ,, ... 3/- ,,
G 2637 Light 1¾in 1/1 ,,

G 2033.
3 in.,
3/- dozen.

G 2636
2 in.,
2 4 dozen.

G 2638 —2¼ in 3/ doz.
G 2639 —1¾ ,, light 1/6 ,,

G 6670.
2¼ in.,
2/3 dozen

G 2034
2⅝ in.,
2/6 dozen.

G 2035.—2 in. ... 2/6 doz
G 2036 —2⅝ ,, ... 3/6 ,,

G 2038.
3 in.,
3/9 dozen.

G 2039.
3 in.,
5/- dozen.

G 2040.
3 in.,
5 6 dozen.

G 1076.
3¾ in.,
6 9 dozen

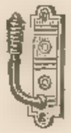
CORNICE POLE BRACKETS.

G 2043
3 in.,
4 dozen

G 2045
2⅝ in.,
[illegible]

G 2640

G 2046
2⅝ in , 9/- dozen



G 6671
3⅛ in , 5/- dozen

G 2060-64.

G 2065-66.

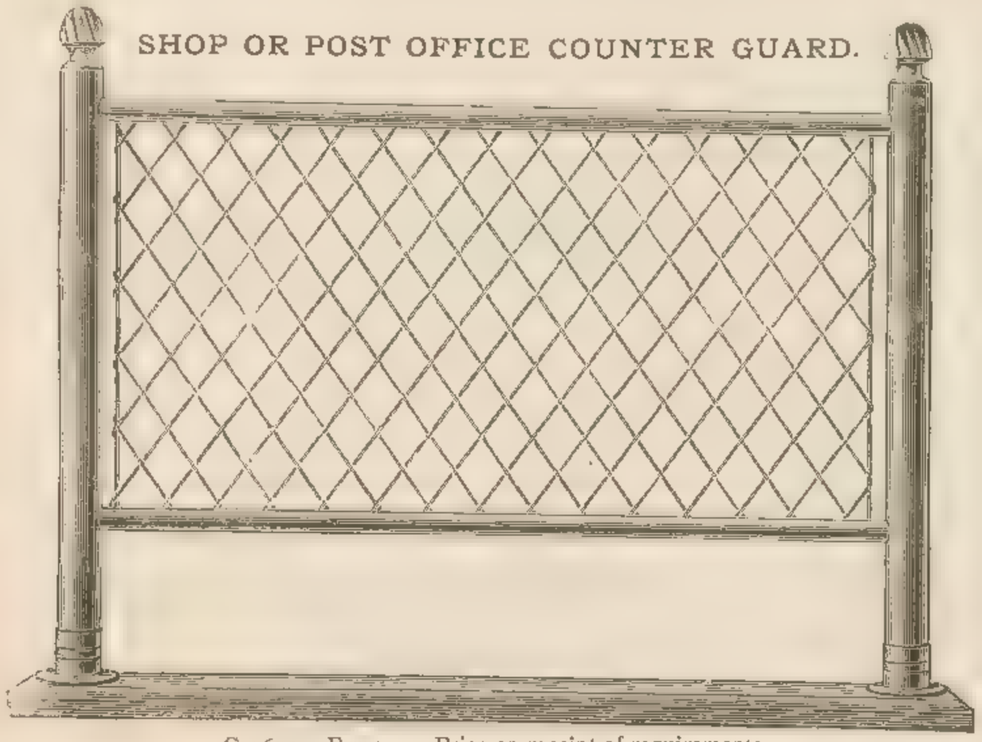
G 2067.

	¾	1	1¼	1½	1¾	2	2¼	2½	3 inch
G 2640 —Brass, machine made ...	5½d	5½d.	6d	6½d	—	-	-	-	- pair
G 2060 —Malleable iron, japanned marone			—	9d		11d	1/	1/2	1,3 ,,
G 2061. Brass, light			9d.	10d.	11d	1/-	1/2	1/3	1/5 1/10 ,,
G 2063 ,, strong			10d	1/-	1/2	1/4	1,6	1/8	2/- 2/3 3/- ,,

G 2068

	¾	1	1¼	1½	1¾	2	2¼	2½	3 inch
G 2064 Brass, extra strong ...	—	—	—	2/2	2/3	2/6	3/	3/2	3/9 pair
G 2065 Malleable iron, Berlin black	9d	9½d	10½d	11d	1/-	—	—	—	pair
G 2066 Brass	2/6	2/8	2/10	3/-	4/-	—	—	—	,,
G 2067 ,, with pulleys ...		—	3/-	3/2	3/4	3/6	3/9	4/3	,,
G 2068 ,, ...			1/5	1/7	1/8	2/2	2/6	3/4	,,

SHOP OR POST OFFICE COUNTER GUARD.



G 2635 —Brass Price on receipt of requirements.

G 2643

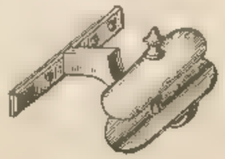
	1	1¼	1½	2 inch
Ceiling bracket ...	1,8	1/10	2/2	2/6 each.

G 2644

	1¼	2 inch
Centre bracket	4/3	5/6 each.

G 2069 2642

	¾	1	1¼	1½	1¾	2	2¼	2½	3 inch
G 2069 —Brass ...				2/2	2/9	3/	3/3	3 6	4/- pair.
G 2642 — ,, light ..	1/3	1/4	1/6	1/8	2/	2/2			,,



G 2070
For bent poles ... 5/- to 7/6 each

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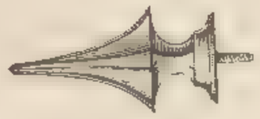
BRASS AND WOOD CORNICE POLE ENDS.

G 2070.
For 1¼ in pole,
3/6 pair.

G 2072
For 1⅓ 1¾ 2 2¼ 2½ in pole.
3/4 4/9 6/9 7/6 9/- pair

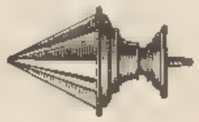
G 2075 Iron,
For 1¼ 1½ in. pole.
1/3 1/6 pair



G 2076.
For 1 1⅓ 2 in pole.
2/6 3/4 4/3 pair

G 2077.
For 1½ in pole,
1/4 pair.

G 2078.
For 1⅓ in pole,
1/6 pair.



G 2079.
For 1¾ in pole,
1/10 pair.

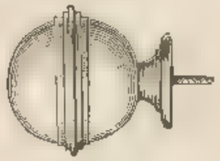
G 2080.
For 1¼ in pole,
1/10 pair

G 2081.
For ¾ 1 1¼ 1½ 2 in pole
9d 10d 1/3 1/6 2/9 pair

G 2082.
For 1½ 2 in pole
Dead 1/3 2/4 pair
Burnished 2/3 3/4 ,,

G 2083.
For ¾ 1 1¼ 1½ 2 in pole.
9d. 1/- 1/3 1/6 2/9 pair

G 2084.
For 1 1¼ 1½ 2 in. pole.
9d. 1/- 1/2 2/2 pair.



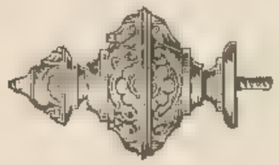
G 2085.
For 1½ 2 in pole.
1/- 2/3 pair.
G 2645. Lighter, for 1½ in pole
9d pair

G 2086A
For 1½ 2 in pole.
1/6 2/2 pair.

G 2646.
For 1 1¼ 1½ 2 in pole
1/3 1/6 2/6 3/2 pair.

G 2088A
For 1½ 2 2½ in pole.
1/10 2/9 4/8 pair

G 2089.
For 2 in. pole,
3/- pair

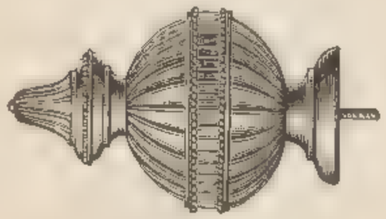


G 2090.
For 2¼ or 2½ in pole,
3/- pair

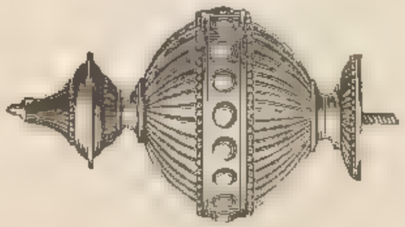
G 2647.
For 1½ 2 in. pole.
3/6 4/3 pair

G 2092A
For 1 1½ 2 2¼ 2½ in pole
1/6 1/10 2/9 3/4 3/9 pair

G 2093.
For 2 2½ 3 in pole.
3/6 4/3 6/6 pair



G 2094.
For 2 2½ in pole
3/6 5/- pair



G 2095.
For 2 2½ 3 in pole
3/6 5/- 6/9 pair

G 2096A
For 1 1½ 2 2½ in pole.
1/6 1/10 2/9 3/6 pair.

TURNED ENDS FOR WOOD POLES.

G 2648. For 2 2½ 3 in pole
Mahogany .. ... 2/6 2/6 3/4 pair.
Imitation Mahogany or Birch .. ... } 1/3 1/3 1/6 ,,

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CORNICE POLES AND FITTINGS.

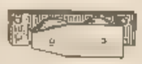
FRENCH ROD ENDS.

	¾	⅞ inch
G 2020.—Brass ...	2/3	2/10 pair

G 2021.—Brass, with plug for tube, ¾ in. 2/3, ⅞ in 2/10, 1 in. 4/- pair

CORNICE POLE OR PICTURE ROD JOINT.

	¾	⅞	1	1¼	1½ inch.
G 2660.	1/6	1/9	2/-	2/6	3/2 each.



BRASS CURTAIN PULLEYS.

C 2018. .. 1/2 pair.

FRENCH ROD HOOKS.

G 2014.

	2½	3	3½ inch
Tinned	4d.	5d	6d doz.

G 2015.
Brass, 3 inch, 3/9 dozen.

TINNED CORNICE SLIDES.

G 2016.

3	3½	4 inch.
1/6	1/10	2/2 doz. pair

G 2661. G 2662.

LIGHT POLISHED BRASS CORNICE POLES.

4 ft. 6 in	5 ft.	5 ft 6 in.	6 ft.	6 ft 6 in.	7 ft. × 1½ in diam.
6/3	6/9	7/6	8/-	8/9	9/6 each.

Complete with either pattern Ends, Rings and Brackets.

STRONG CORNICE POLES.

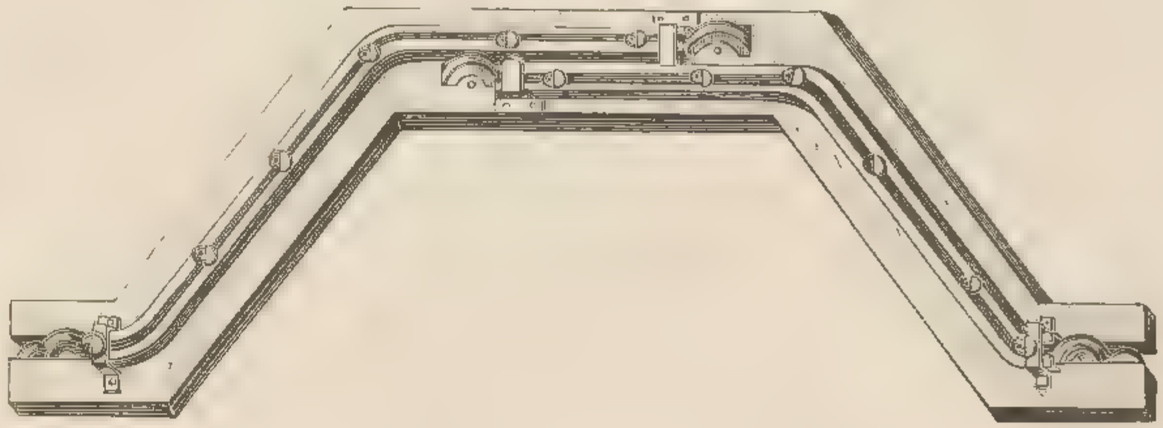
	1¼	1½	1¾	2	2¼	2½ inch
G 3013.—Polished brass ...	1/1	1/4	1/6	1/9	2/1	2/8 per ft
G 3014.—Do., grooved for master rings, including pulleys ...	—	3/1	3/8	4/-	4/8	5/-
G 3015.—Do., grooved for runners, including runners & cords		4/-	4/6	5/-	5/3	5/9 ,,
G 3016.—Wood poles, ¾ covered with brass, if in 18 feet lengths	—	6d.	—	6¾d.	—	8½d. ,,
If cut to lengths	-	6½d.	—	7½d	—	9½d. ,,
G 3017. Brass cased tubes ...	1/-	1/4	1/9	2/3	—	- ,,
G 3018. Iron tubes, decorated or stained black	8d	10d.	1/2	1/6	—	— ,,
G 3019.—Mahogany pole with rings and ends, best	—	—	—	1/10	2/-	2/1 ,,
G 3020.—Imitation mahogany or light birch, best	—	—	-	8½d	9d.	10d. ,,

Mahogany or Birch Poles over 9 feet charged 2d. per foot extra.

CORNICE POLE RINGS.

	1	1¼	1½	1¾	2	2¼	2½	3 inch.
G 3006.—Brass, light, burnished	7½d.	8d.	9d	10½d.	1/-	1/4	1/6	2/3 dozen.
G 3007.— ,, strong ,, ...	—	—	—	—	2/8	—	3/6	5/- ,,
Mahogany	—	—	1/1	1/3	1/8	2/-	2/5	2/10 ,,
Imitation mahogany or birch	—		1/-	1/1	1/3	1/6	1/9	2/- ,,

GROOVED RAILWAY FOR CURTAINS.



G 3008.

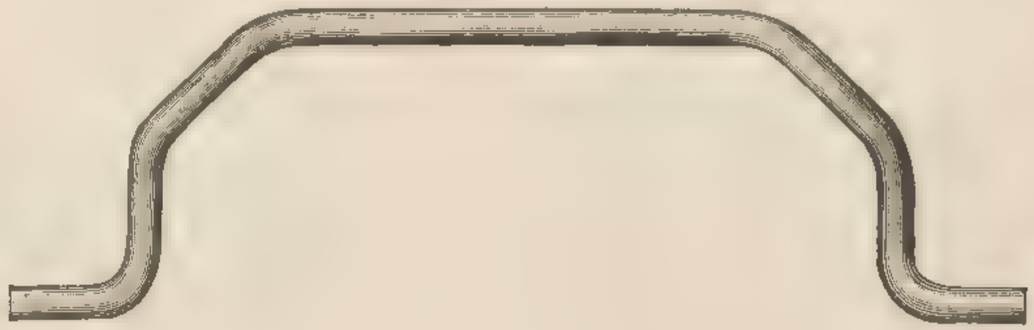
	per ft.
If laths are sent to be mounted, straight	1/11
,, ,, ,, two bends ..	2/9
,, ,, ,, four bends or circular	3/-

Straight Laths containing less than 8 ft. charged as 8 ft

	per ft
If supplied complete with wood laths, straight ...	2/3
,, ,, ,, two bends ...	3/2
,, ,, ,, four bends or circular	3/6

Cant Laths containing less than 12 ft. charged as 12 ft

BENT CORNICE POLES.



	1¼	1½	1¾	2	2¼	2½ inch
Strong polished brass, two bends	1/6	1/10	2/1	2/5	2/11	3/6 per foot.
,, ,, four ,, ...	2/-	2/3	2/6	2/11	3/6	4/- ,,
,, ,, six ,, ...	2/3	2/8	3/1	3/6	4/-	4/7 ,,

Also supplied grooved for master rings or grooved for runners. Prices quoted on application.

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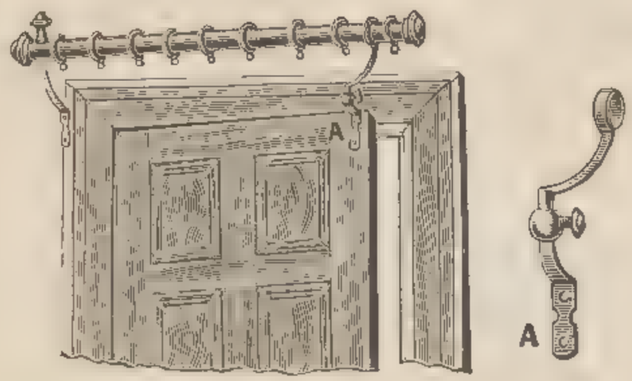
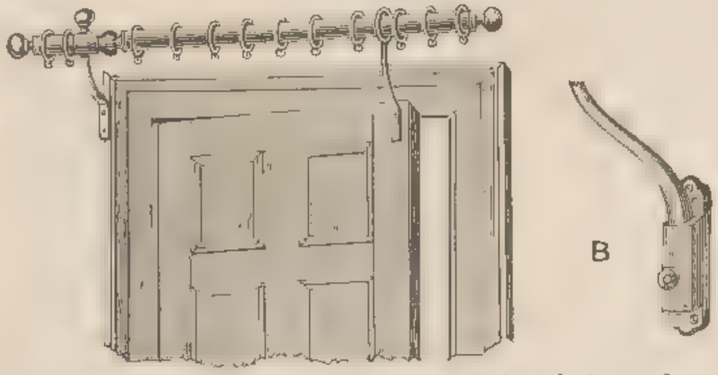
PORTIERE AND CURTAIN RODS AND WIRE BLINDS.

DOUBLE-HANDED PORTIERE, OR SELF-ACTING DOOR RODS.



	4 ft.	4 ft. 6 in. × ⅝ in.
G 2244.—Price, complete with rings	5/3	5/8 each.
G 2666.—4 ft. × ⅝ in., with ordinary bracket	...	2/10 ,,

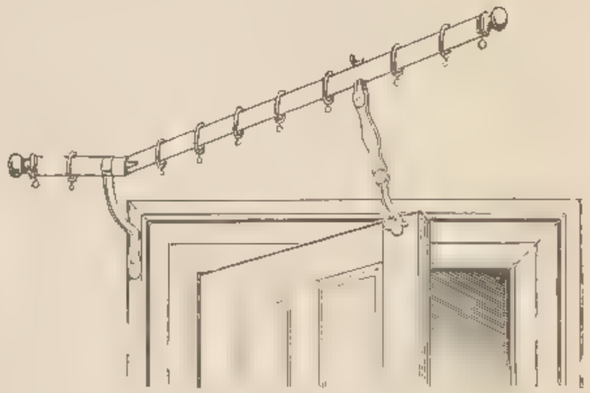
A represents an improved bracket.



	4 ft.	4 ft 6 in. × ⅝ in
G 3019.—Price, complete with rings	5/10	6/3 each.
G 3020. ,, ,, with improved brackets	8/6	9/ ,,
G 2667.—Light, with ordinary bracket, 4 ft. × ⅝ in.		4/6 ,,

Also made in all sizes to order.

B represents an improved method of fixing the bracket to the frame and door, so that the whole can easily be removed when the curtain is not required.



OPEN

	4 ft.	4 ft. 6 in.	5 ft. × ⅝ in
G 2245.—Price, complete with rings	9/6	10/	10 6 each.
G 2668.—With pivot joint, 4 ft 8/-; 4½ ft. 8/3, 5 ft × ⅝ in.			8 9 ,,

Upon opening the door the rod automatically raises both itself and the curtain, and resumes its former position as the door is closed

SWING CURTAIN RAILS.

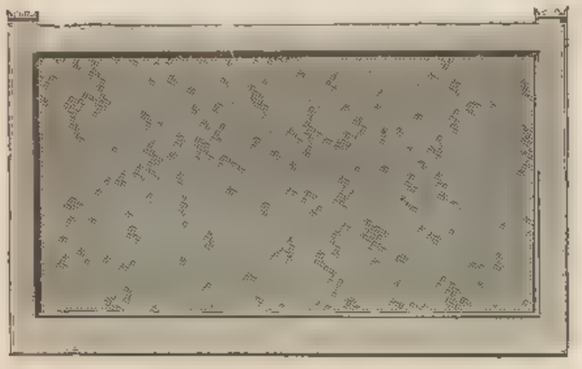
G 2669.—Polished brass, 3 ft. × ⅝ in. ... ... 9/6 each.

G 2670.—Polished brass, 2 ft. 6 in. × ½ in. ... 6/6 each.

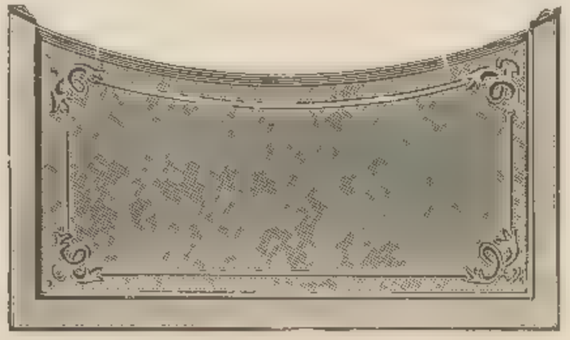
G 2671.—Polished brass and copper, 2 ft 8 in. long ... 10/6 each

IMPROVED WOVE-WIRE WINDOW BLINDS,

IN MAHOGANY FRAMES, FRENCH POLISHED, WITH BRASS FITTINGS.



G 2672.—Plain color, any shade ... ... 2/1 square foot.



G 2673.—Brass top, gilded lines and corners ... 3/6 square foot
Do. plain color ... ... 2/7 ,,

G 2674.—Brass top .. 2/7 square foot
Gilded letters 3d. per inch in height.

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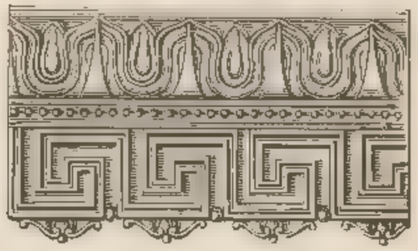
BRASS CORNICE PLATES.

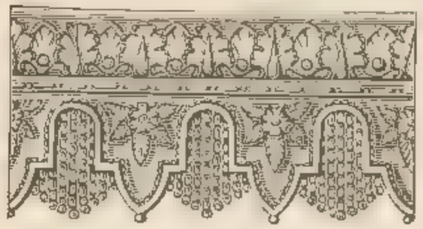
G 3021 [illegible] deep [illegible] per foot.

G 3023 [illegible] deep [illegible] per foot

G 2678.—6½ in. deep, 1/3 per foot.
G 2679 —5½ " " 1/- "



G 3026 —7 in. deep, white or black enamelled, 1/8 per foot.



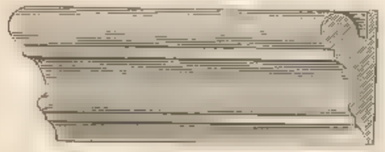
G 3025.—5½ in. deep, white or black enamelled, 1/3 per foot

G 2680.—6½ in deep, 1/6 per foot

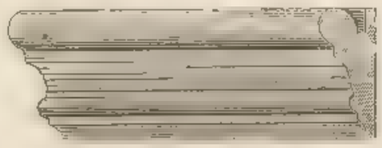
G 2681. -5½ in. deep, 1/ per foot

G 3030.—5½ in. deep, 1/1 per foot.

WOOD PICTURE MOULDINGS.



G 2687 Plain, 2 × 1 inch
G 2688.— " 1⅞ × ⅞ inch



G 2689. Reeded, 2 × 1 inch.

Prices on application.

BRASS MOULDING HOOKS.

G 2692 -1/ dozen.
G 2693 Fancy, 1/6 dozen.

G 2694 -1/2 dozen.
G 2695 Plain .. 1/1 dozen

PICTURE OR CHANDELIER CHAINS.

G 6064.
9/-

G 6065
6/-

G 6066
4/9

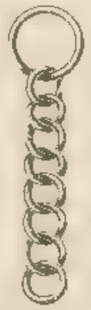
G 6067
6/- doz. yds

BRASS CURTAIN CHAINS.

G 2048. [illegible] per pair

G 2272.—26 in., 2/- pair

G 2682. 26 in., 2/6 pair



G 2683.—[illegible] in., 2/3 pair
G 2684.—24 in. [illegible] pair

G 2685 37 in., 4/3 pair
G 2686 27 in., [illegible] per pair

BRASS CURTAIN BANDS.

G 2055
2/3 pair

G 2056.
1/8 pair

G 2057.
3/2 pair.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

PICTURE RODS AND FITTINGS.

BRASS PICTURE ROD ENDS.

G 3034.

G 3036

G 3037

G 2276

G 3038

G 3040

For	5/8	3/4	7/8	1 inch tube.
G 3034	4/6	5/-	6/-	7/- dozen
G 3036	4/	5/	6/-	7/- ,,
G 3037	4/3	5/6	7/6	10/6 ,,
G 3038	2/6	3/4	4/-	5/6 ,,
G 3040		12/6	—	17/- ,,
G 2276	4/3	4/8	6/3	7/- ,,

BRASS PICTURE SUSPENDERS.
With Pins.

G 3055.
1⅝ inch, 4/ gross, 5d. dozen

G 2698 1⅝ inch, 10'd. dozen

G 2700 2 inch, 1/8 dozen.

G 2699
1½ inch, 1/4 2 inch 1/8 dozen

S HOOKS.

G 3058 Brass wire

3/4	7/8	1	1⅛	1¼	1½ in.
3'd	4d	6d	7½d	8½d	10½d doz

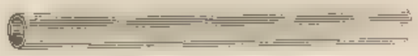
G 2698 —Lighter do

3/4	7/8	1 inch
1/2	1/4	1/8 gross

G 3059 —Cast brass

1⅜	1½	1⅝	1¾	1⅞	2	2¼ inch.
1/3	1/6	1/10	2/3	2/5	3/-	4/ dozen

BRASS CASED PICTURE RODS.



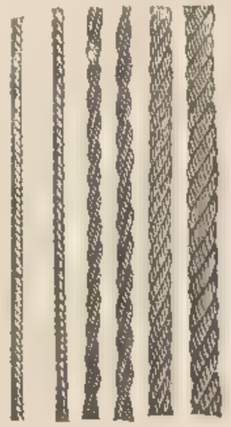
	5/8	1/2	5/8	3/4	7/8	1	1¼	1½ inch
In original lengths,	3d	3¾d	4½d	5½d	6¼d.	8d	11d	1/2 foot
If cut to length,	3½d	4¼d	5d.	6¼d.	7½d.	9d.	1/-	1/4 ,,
Making slip joints for extra long lengths ..	5d	6d	7d	9d	10d	1/	1/2	1/4 each.
Plugging & fixing ends, including wood plug ...	2d	3d.	3d.	4d.	4d	4d.	6d	8d ,,

IRON PICTURE RODS.

	3/4	1 in outside diameter
Prepared for painting	3d	4d foot cut length
Iron ends for ditto	2/-	3/- dozen.
,, hooks ,, ... As G 3049	1/-	1/6 ,,
,, ,, ,, ... ,, G 3050	1/4	1/8 ,,
,, brackets ,, ... ,, G 3044	2/10	3/2 ,,

Extras for slip joints and plugging or fixing ends as above.

PICTURE WIRE.


No. 5 6 7 8 9 10

No. 5 6 7 8

G 3060.—Hookham's patent G 3061.

Size No	5	6	7	8	9	10	
For pictures	20	30	40	60	80	150	lbs
G 3060 Gilt	3/6	5/-	8/6	12/-	20/-	35/-	per coil of 100 feet

This line is in lengths of 100 feet divided into 4 hanks of 25 feet each

For pictures	10	15	20	30 lbs
G 3061 —Gilt	1/-	1/6	3/-	7/- per coil of 100 feet.

In coils of 100, 50 and 25 feet each

G 3062. Adjusting fasteners for Hookham's picture wire

For size No.	5	6	7	8	9	10
	2/-	2/-	3/-	4/-	5/-	8/- gross

For Picture Chain, *see page* 45

BRASS PICTURE ROD BRACKETS.

G 3043

G 3044

	5/8	3/4	7/8	1 inch
G 3043 with plate to screw on ..	3/6	3/9	4/3	4/9 doz
G 3044 —To drive or to screw in ...	(same price)			
G 3047 —Strong cast to drive, or to screw in, or with plate to screw on ..	9/6	10/6	11/-	12/6 ,,

BRASS PICTURE ROD HOOKS.

G 3049

G 3050

G 3051

	5/8	3/4	7/8	1 inch
G 3049 — ...	1/10	2/-	2/8	3/2 doz
G 3050 ...	1/10	2/-	2/9	3/6 ,,
G 3051 - ..	4/-	4/8	5/9	7/- ,,
G 2278 as G 3049 but machine made	1/2	1/4	1/6	2/- ,,
G 2279 as G 3050 but machine made	1/1	1/3	1/5	1/10 ,,

PICTURE RINGS.

	1/2	5/8	3/4	7/8	1	1⅛	1¼	1½ in outside ring
G 3067 Brass to screw	4/3	5/6	7/	8	9/6		—	- gross
G 3068 —Do do, strong			—		2/-	2/4	3/-	3/4 dozen

	9/16	11/16	3/4	7/8 inch
G 2701 Bright iron	1/6	1/8	2/3	3/- gross
G 2702 —Brassed iron	1/10	2/	2/9	3/9 ,,

	1	1¼	1½	1¾ inch
G 3069 Brass . plate .	1/4	2/2	3/	3/6 dozen

	7/8	1	1⅛ inch
G 3070. Ditto	1/3	1/5	1/8 dozen.

GLASS PLATES.

	3/4	1	1¼	1½	1¾ inch
G 3071 Bronzed iron	-	—	1/8	2/-	— gross
G 3072. Brass, machine made ...	1/4	1/10	3/9	6/6	— ,,
G 3072A —Do do. strong ...	-	4/6	8/-	10/-	- ,,
G 3073 Cast brass	—		12/-	17/-	32/- ,,

	1¼	1½ inch.
G 2706. —Brass machine made	3/-	4/6 gross

BRASS HEADED NAILS.

	1	1¼	1½	1¾	2	2½	3	3½	4 inch
G3075 —Best quality Plain head, wire shank	1/6	1/9	2/-	2/3	2/6	3/9	5/2	6/	7/6 gross
G2280 —Light, plain head, wire shank	9d.	10d	1/-	1/1	1/3	1/10	2/6	3/	3/6

Illustrations are about one-sixth full size, except Picture Wire, which is full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS CHAIR NAILS AND CARPET PINS.

G 3076
¼ ⅜ 7/16 ½ 9/16 inch
3/ 4/6 4/- 5/- 6/6 per 1 000
6d 8d 10d 11d 1/2 per gross

G 3077
Deep cone shape
¼ inch ... 1/8 gross

G 3078
Cone shape
⅜ inch
1/6 2/- gross

G 3080
¾ inch 1/8 gross

G 3081
⅝ inch 2/2 gross

G 3082.
⅜ ½ inch
1/4 1/6 gross

G 3083.
½ ⅝ inch.
1/8 2/- gross

G 3084.
⅝ inch 1/6 gross

G 3085
½ ⅝ inch.
1/6 2/- gross.

G 3086
½ inch ... 2/- gross.

G 3090.
½ ⅝ inch
1/8 2/2 gross

G 3091.
⅝ inch ... 2/2 gross.

G 3092.
½ ⅝ ¾ inch
1/6 2/- 2/4 gross

G 3094.
½ ⅝ ¾ inch.
1/- 1/4 1/8 gross.

G 3095.
⅝ inch ... 2/8 gross.

G 3096.
½ ⅝ ¾ inch.
1/8 2/- 2/8 gross.

G 3097
½ ¾ inch
1/4 2/- gross.

G 3098.
⅝ ¾ 1 inch.
1/10 2/- 2/6 gross

G 3099
¾ inch ... 3/4 gross

G 4000
½ ¾ 1 inch
2/ 2/8 3/2 gross

G 4001.
¾ inch 3/8 gross

G 4003.
¾ inch ... 2/8 gross.

G 4004.
⅝ ¾ inch.
2/6 3/2 gross

G 4006.
¾ inch 3/6 gross

G 4007.
½ ⅝ ¾ inch.
2/2 2/8 3/4 gross.

G 4008
9/16 ¾ inch.
2/- 2/10 gross.

G 4009.
½ ⅝ ¾ inch.
1/6 2/- 2/6 gross.

G 4010.
½ ⅝ ¾ inch.
1/6 1/10 2/6 gross.

G 2715. —⅝ inch, 1/4 gross
G 4011.—With patent steel pin, ⅝ ¾ inch.
2/6 3/- gross
¾ in, with 1 or 1¼ in. pin, 3/8 gross.

G 2710.
½ ⅝ ¾ inch.
3/- 3/6 4/3 gross

G 2711
½ ⅝ ¾ inch.
3/- 3/6 4/3 gross.

G 2712.
½ ⅝ ¾ ⅞ inch.
3/- 3/6 4/3 5/- gross.

G 2713.
⅝ ½ ⅝ ¾ inch
2/6 3/- 3/6 4/3 gross

G 2714.
⅝ ½ ⅝ ¾ inch
2/6 3/- 3/6 4/3 gross

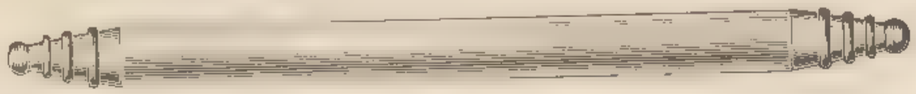
IMPROVED SPRING CARPET PIN & SOCKET.

G 2716.—Brass, 2 inch 1/4 dozen.

Special prices for large quantities will be sent on receipt of requirements.

STAIR RODS AND EYES.

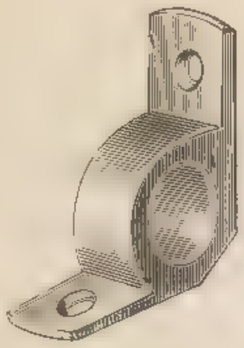
BRASS CASED STAIR RODS AND BRASS EYES.



G 4012.

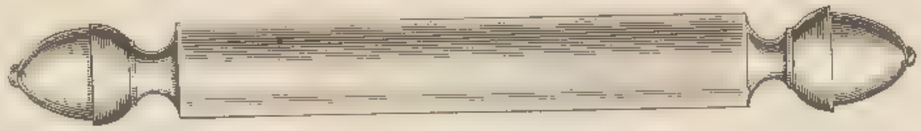
	22	24	[illegible]	[illegible]	30	32	34	36 inch.
¼ inch	[illegible]	[illegible]	[illegible]	[illegible]	3/-	3/3	—	dozen.
5/16 "		3/8	4/-	4/3	4/6	4/9	—	"
⅜ "	—	—	5/3	5/9	6/-	6/6	6/10	7/3

G 4020.
For ⅜ inch rod.
11/6 gross.

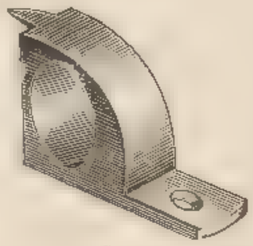


G 4022.
For ⅜ ½ ⅝ ¾ in rod
2 3 3 4 - 5 3 dozen

G 2282 Lighter
For 5/16 ⅜ ½ in rod
1 3 1 0 [illegible] dozen



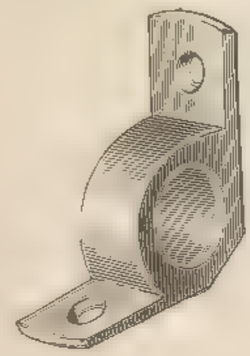
G 4013 ⅜ inch 6½d. per foot.
" ½ " 8d. "
" ⅝ " 10d. "
¾ " 1 4 "



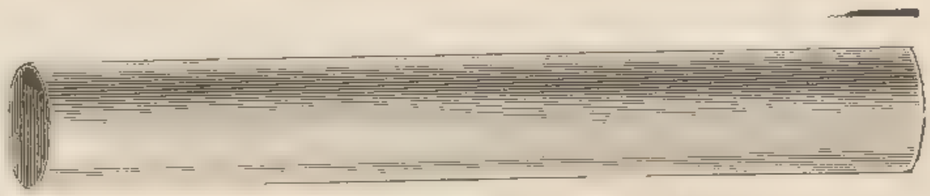
G 4021.
For 3/16 and ¼ inch rod, 5/3 gross.

G 4021.—Best.

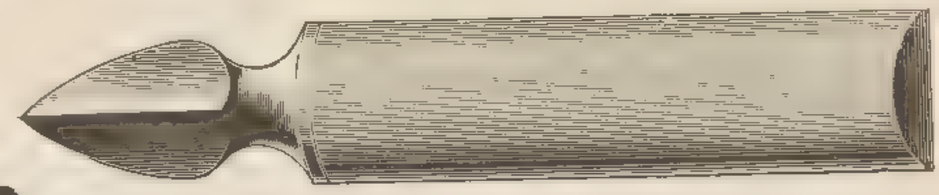
For 3/16	¼	5/16	⅜ inch rod
6/-	7/-	8/6	12/- gross.



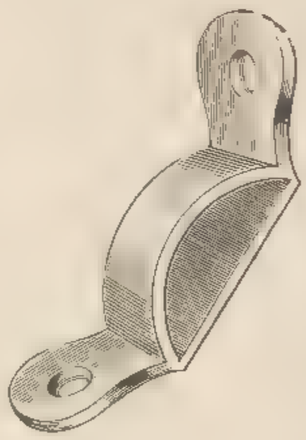
G 4025
For ⅝ ¾ in. oval rod
2 10 3 [illegible]



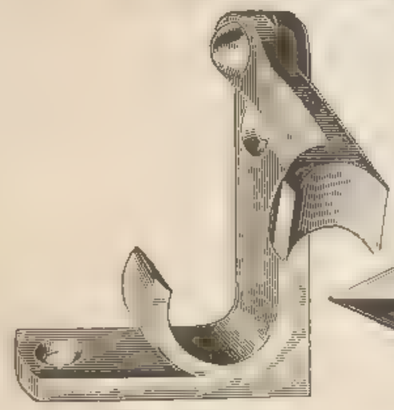
G 4016.—⅝ inch Oval 8½d ¾ inch. rod per foot



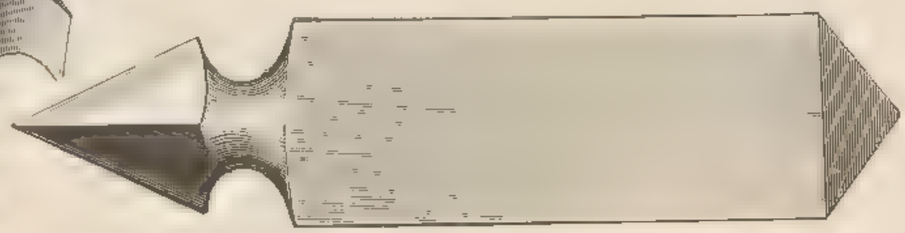
G 2720. " " 1 1 ⅞ 1 inch
G 4017. Without ends 5d. 6½d. 8½d. " 1/7 per foot.



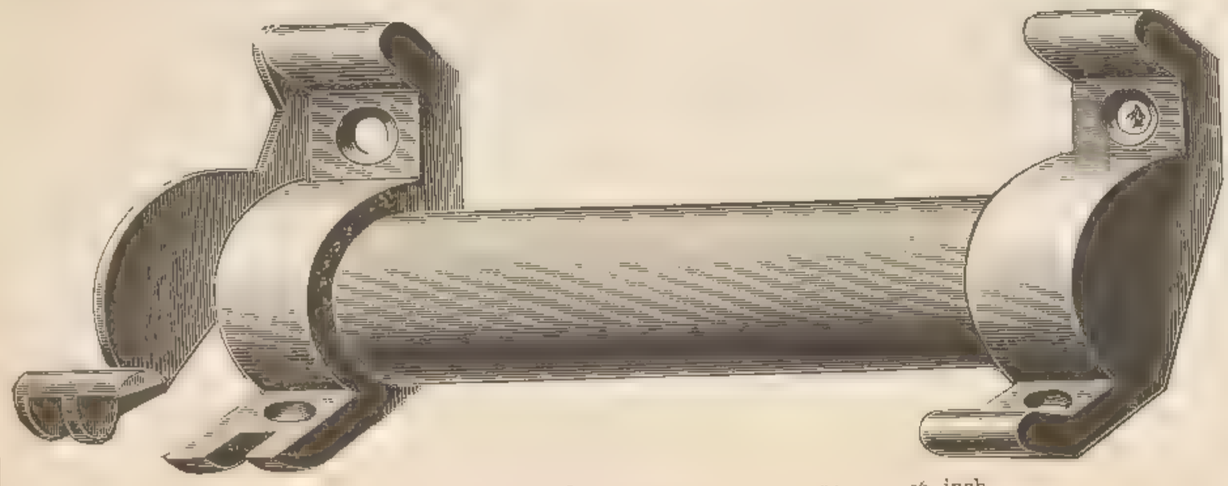
For ¾ ⅞ 1 in. rod
G 4026 — 3/- 4/ 4/6 dozen.



G 2723 Hinged
⅜ ½ ⅝ ¾ inch rod
4 6 5 6 7 10 dozen

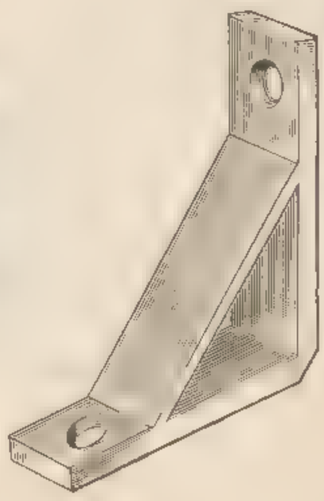


G 4018. [illegible] 1 1 ⅞ 1 inch.
[illegible] 3 per foot



G 2722 —¾ inch, Half round

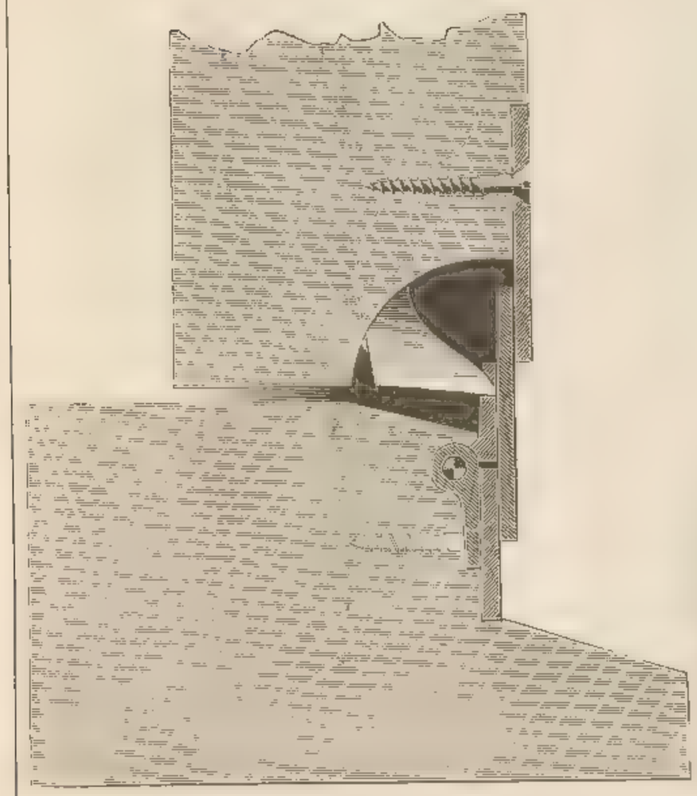
28	30	32	34	36 inch
32	33	34 6	35/6	37.6 per dozen with eyes



For ¾ ⅞ 1 in. rod
G 4027.— 3/4 4/3 4/9 dozen

WATER BARS AND WALL TIES.

PATENT WEATHER TIGHT SILL BARS.

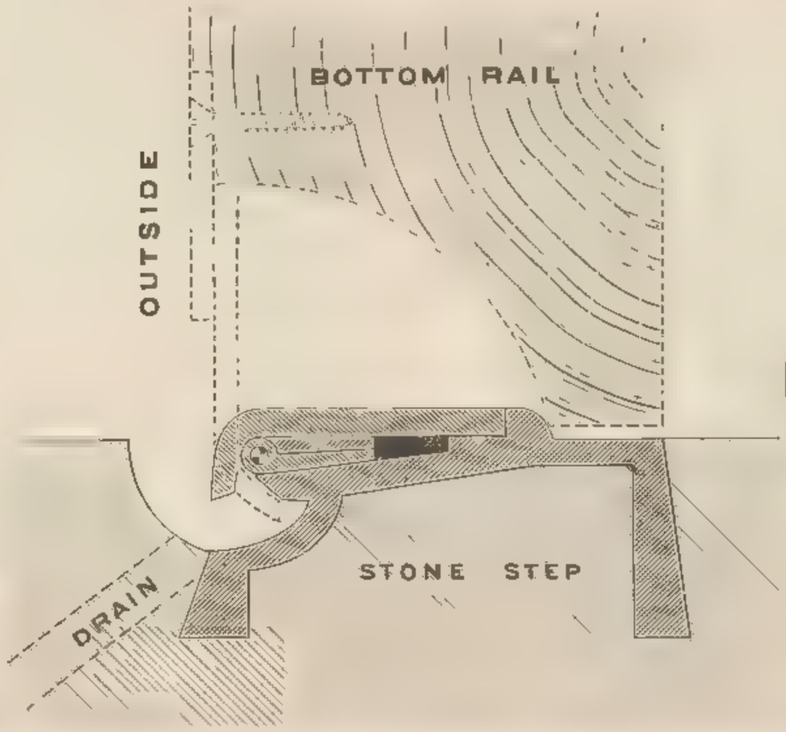


G 6080.—FOR FRENCH CASEMENTS OPENING INWARDS

Improved action. Applicable to casements 1½ inches thick and upwards. In ordering, please state the extreme width of opening, and the hand.

Iron, galvanized, per ft. run	...	3/- any length
Iron, painted ,,	...	2/6
Copper ,,	..	4/6
Brass ,,	...	4/-

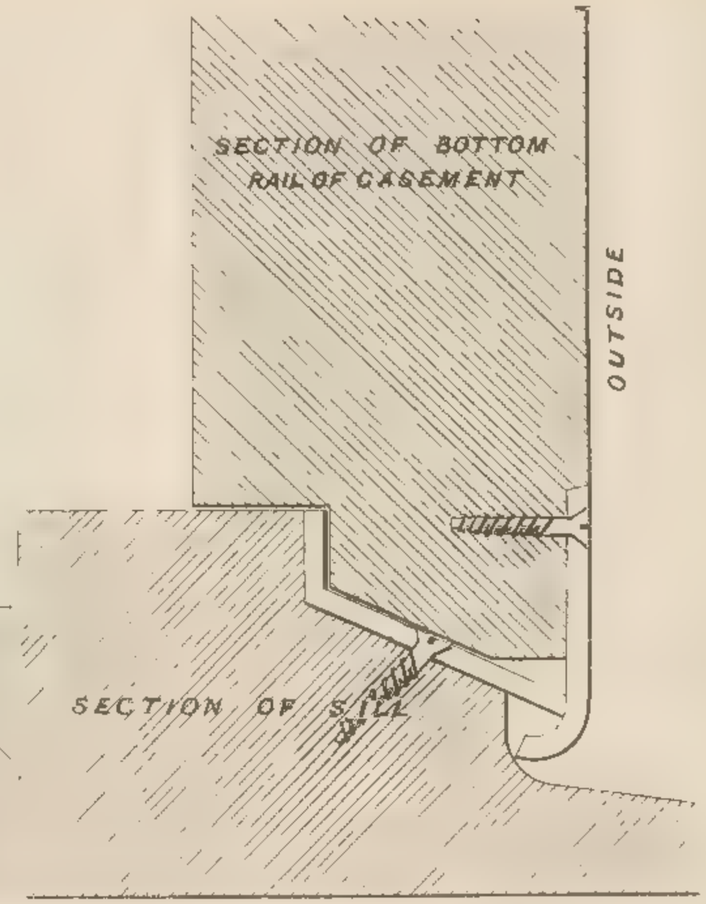
All Iron Bars are fitted with Brass Hinges and Hooks.



G 6079 FLUSH SECTION FOR DOORS AND CASEMENTS OPENING INWARDS

Suitable for doors or casements leading to conservatories, gardens, entrance doors, &c., &c. If for stone, should be cemented in; if for wood holes are drilled for screws, and the lugs are omitted. A narrower section is made for thinner doors. In ordering, please state extreme width of opening, the hand, and if required for wood or stone.

Price per foot run in brass, 13/6 for stone; 11/3 for wood.



G 6078 FOR FRENCH CASEMENTS OPENING OUTWARDS.

It is impossible for any wet or draught to get through when this bar is used. It is extremely simple, and cannot get out of order and is applicable to all casements above 1¼ inches in thickness. In ordering please state extreme width of opening.

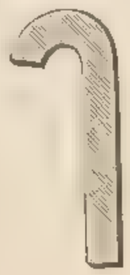
Price per foot run in brass, 3/- any length. In stouter metal, 4d per foot extra. In copper, 6d per foot extra.

A similar article at a lower price can also be supplied. Prices will be quoted on receipt of specification.

HOOK SILL OR WATER BARS, FOR CASEMENTS.

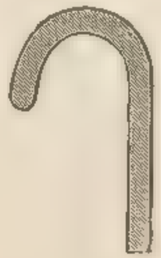
FULL SIZE SECTIONS.

G 6075A.
Brass, 7d



G 6077A.
Brass, 1/6 per foot

G 2726.
Zinc, 4d. per foot



G 2727
Zinc, 7d per foot

IRON WALL TIES.

G 6070 Cast iron, 7½ inch long, weighing 38 lbs per 100.

Price, 13/9 per cwt. If tarred 1/8 per cwt. extra.

G 6073. Wrought iron 8 in long, weighing 28 lbs. per 100.

Made from 1 × ⅛ inch hoop iron.
Price, Black 17/- cwt. Galvanized, 22/6 cwt.

G 6074.
Ditto, made from 1¼ × ⅛ inch, Black, 17/- cwt.
,, ,, ,, Galvanized 22/6 ,,
If tarred 1/8 per cwt. extra.

G 6071 Wrought iron, 9in long, weighing 25 lbs. per 100.

Made from $\frac{5}{16}$ inch square iron on edge
Price, Black 17/- cwt. Galvanized 22/6 cwt.
If tarred 1/8 per cwt. extra.

G 2728.
Round wire 8 × ¼ in., weighing 14 lbs. per 100.
Price, Tarred, 19/6 per cwt.

Further details and special prices for large quantities will be sent on receipt of requirements.

COFFIN FURNITURE.

IMPROVED BLACK BREAST PLATES.

G 4030. 19 × 12½ in .. ... 8d each
Ornaments to match ... 4d pair

G 2730 —Men's, 20 × 14 in ... 8½d each
Ornaments to match ... 5½d pair.

G 2733 — Men's, 19¾ × 13¾ in ... 8½d each.
Ornaments to match... 5½d pair.

G 2735.—Men's, 20 × 14 in 8 d each
Ornaments to match d pair.
G 2736. Women's, 16½ × 12½ in d each.
Ornaments to match l pair

IMPROVED BLACK HANDLES AND PLATES.

6d pair
in plain handle 5d

G 2731.—Men's 10 × 7 inch ... 10½d pair.
G 2732 — Women's, 8 × 6 inch 10d ,,

G 2734. Men's, 9¾ × 6¾ inch ... 10½d pair

G 2737 —Men's, 10 × 7 inch ... 10½d pair
G 2738 Women's 8 × 6 inch 10d ,,

CHILD'S WHITE BREAST PLATES.

G 4043 — 7 × 5 inch ... 1½d each
G 4044 9 × 6½ ,, .. 2d ,,
G 4045 —10 × 7½ ,, ... 2½d ,,
G 4046 12½ × 9 , 3d ,,

CHILD'S WHITE GRIPES AND PLATES.

G 4040 3¾ × 3 inch 2½d pair
G 4040a —4½ × 3⅜ ,, 3d ,,
G 4041 5 × 4 ,, ... 3½d. ,,
G 4042 6 × 4¾ ,, ... 5d ,,

White cherubs to match

G 4042a —2⅞ × 1⅝ inch .. 2½d doz
3¾ × 2 , ... 4d ,,
4 × 2¼ 4½d

SETS of REGISTERED CHILD'S WHITE COFFIN FURNITURE.

G 4047 —Three pair 1 8 per set
Four 2
Complete with ornaments

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

COFFIN FURNITURE.

IMPROVED BLACK BREAST PLATES.

G 4061 Men's ... 10 × 13 inch 8½d each
G 4062 Youths' .. 14½ × 11 „
Ornaments to match
G 4063 Men's 5½d pair
G 4064 Youths' 4d. „

G 4067. Men's .. 20 × 14 inch, 8½d each
Ornaments to match, 5½d pair.

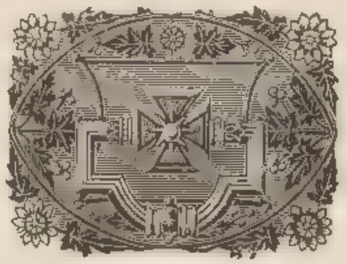
G 2739 — Men's ...20 × 14 inch, 8½d each
G 2740 — Women's 16½ × 12 „ 7½d „
Ornaments to match 5½d pair

G 2743 — Men's ...19½ × 13⅓ inch, 8½d each
Ornaments to match, 5½d pair

IMPROVED BLACK HANDLES AND PLATES.

G 4065 Men's ... 9½ × 7 inch 10½d. pair
G 4066 Youths' . 7 × 5 „ 8½d „

G 4071 — Men's ... 9½ × 6¾ inch 10½d pair
G 4072 Women's 7¾ × 6 „ 10½ „



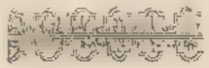
G 2741 — Men's ... 9½ × 6¾ inch 10½d. pair.
G 2742. — Women's 8 × 6 „ 10d. „

G 2744. Men's ... 9½ × 6½ inch, 10½d pair

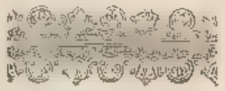
RINGS AND ROSES.

		1¾	2	2¼ inch
G 4049	Tinned, wrought rings and loops...	11d	1/1	1/4 doz
	Japanned „ . ..	9d	11d	1/
		1½	2	2¼ inch
G 4050	White Roses for ditto	2½d	3d.	5½d doz
	Black „ „	4d	4½d	10d „

IMPROVED BLACK LACE.



G 4079. — 1½ inch wide,
1/10 dozen yards.



G 4080 — 2¼ inch wide,
2/6 dozen yards.

G 4081 — 2½ inch wide,
2/10 dozen yards

G 4082 — 3 inch wide
3 dozen yards

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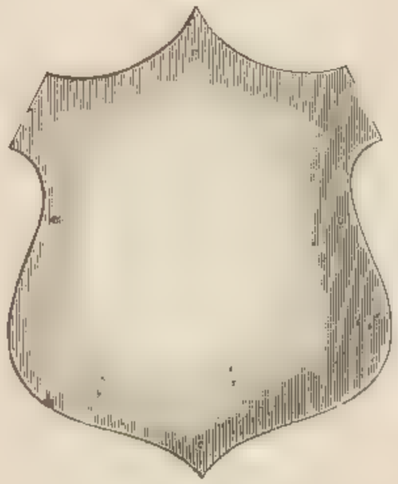
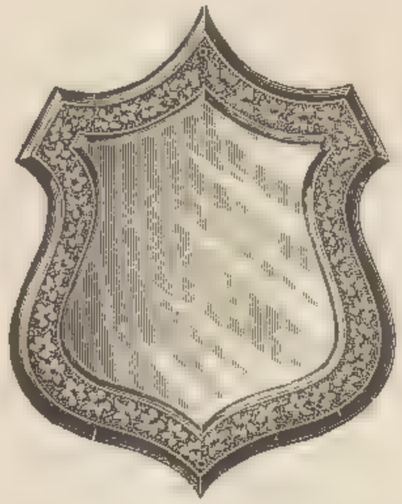
BRASS AND NICKEL-PLATED COFFIN FURNITURE.

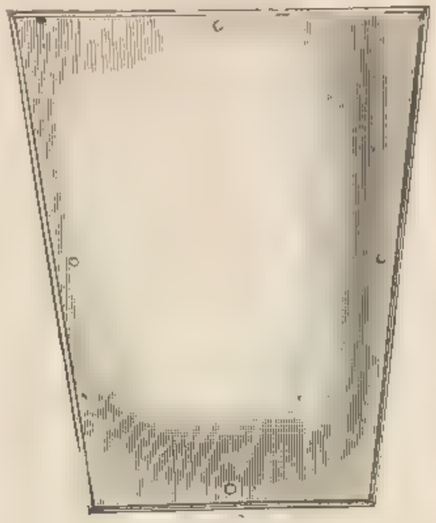
BREAST PLATES.



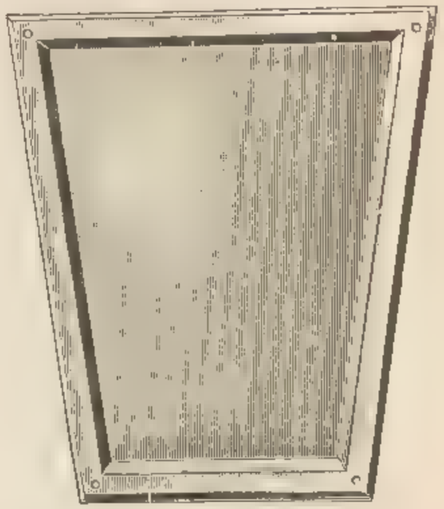
	8	10	12	14	15	16 inch
G 5010 Nickel plated on zinc, turned edges G 5011 — Brass	6½d	9d	1/-	1/4	1/6	1/8 each



G 2750.—Brass ... 15 inch each

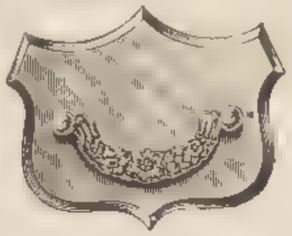


	6	8	10	12	14	15	16 inch
G 5005 Nickel-plated on zinc, turned edges G 5006 Brass	4½d	6½d	10½d.	1/3	2/-	2/6	3/- each

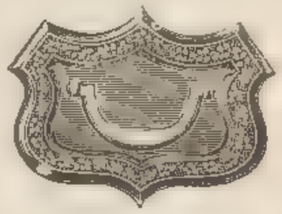


	14	16 inch each
G 2753 Brass G 2754 —Nickel plated on zinc	1/2	1/5 ,,

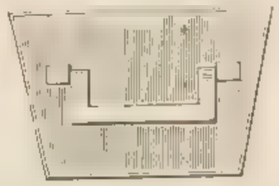
HANDLES AND PLATES.



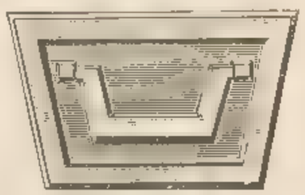
	6	7	8 inch
G 5012. —Nickel plated on zinc G 5013 Brass plain handle	9½d	1/-	1/3 pair



G 2751. Brass ... 8½ inch pair



	4	5	6	7	8 inch
G 5007 — Nickel plated on zinc G 5008. Brass .. G 5009 ,, lighter	9d	10d	1/2	1/9	1/10 pair



	8½ inch pair
G 2755 - Brass .. G 2756 — Nickel plated on zinc, with fancy patent handle ..	1/8 ,,

RINGS AND ROSES.

2¾ in outside ring

G 4098 - Brass, with nut and screw G 4099 — Silvered do.	each. ,,

2¾ in outside ring

G 2757 — Brass with nut and screw G2758 — Silvered do	each

COFFIN NAILS.

Size Nos	1	2	
G 4083 — Black	2/10	2/6	packet
		4D	
G 4084. - Black Bullin	1/10		,,

	¾	1¼ inch
G 2284 — Brass	2/6	4/6 gross
G 2285 Silvered	2/6	4/6 ,,

SCREW COVERS OR WREATH HOLDERS.

G 2759 — Brass,	dozen.
G 2760 — Nickel plated,	,,

G 4086.

G 4087 ... to G 2762

G 2763-4.

COFFIN SCREWS.

	2	2¼	2½ inch
G 4086. — Japanned, round head, ⅝ inch head	5/-	5/6	6/6 gross
G 4087 Japanned, round head, ⅝ inch head	9/-	—	— gross
G 2761. — Brass, round head ⅝ inch head			dozen
G 2762 — Brass, round head, ⅝ inch head			
G 2763 Brass, square head, ⅝ inch head ..			,,
G 2764 Heavy, square head, ⅝ inch head			,,

G 4091-4

G 4095-6

	2	2½ inch
G 4091 — Japanned, square head ½ inch head	—	1/4 dozen
G 4092 - Brass, ditto, ⅝ inch head		2
G 4094 — Silvered ditto, ⅝ inch head		2 ,,
G 4095 — Fancy brass head ½ inch head . .		,
G 4096 Ditto silvered ½ inch head ...		3/

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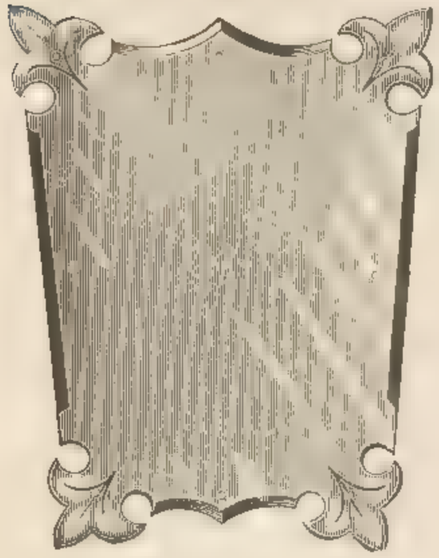
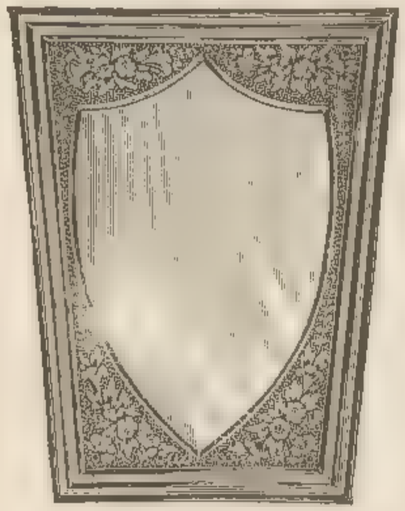
BRASS AND NICKEL-PLATED COFFIN FURNITURE.

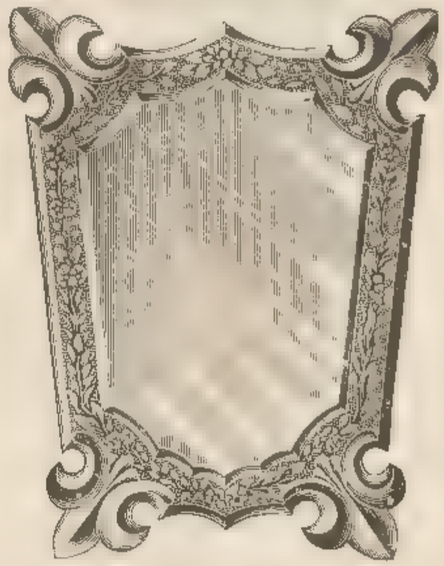
BREAST PLATES.



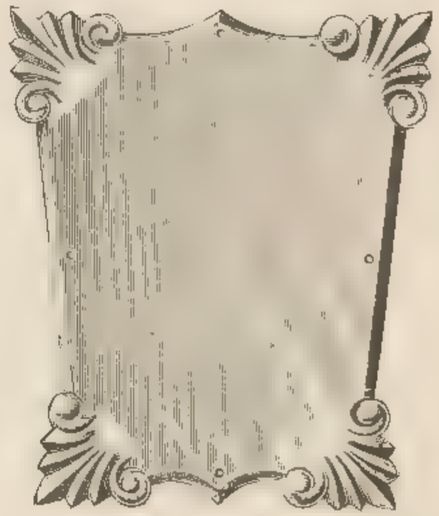
G 5017 Brass .. 15 inch each
G 2766 Nickel-plated on zinc .. ,,



G 2769 Brass ... ... 16½ inch each.



G 2772—Brass .. ... 16½ inch each.



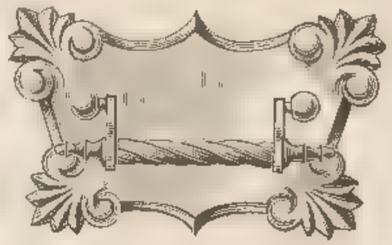
G 2774—Brass ... . 17 inch. each

HANDLES AND PLATES.

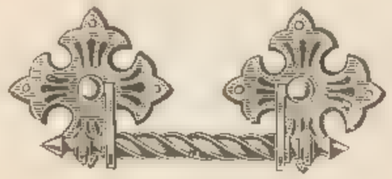
G 5015—Brass . ... . 8¾ inch pair
G 2767 Nickel-plated on zinc .. ,,

G 2770 Brass ... .. 9½ inch pair.

G 2773 Brass .. .. 9 inch pair



G 2775.—Brass ... ... 9½ inch pair



G 5016 Brass ... .. 10 inch pair
G 2768 Nickel-plated on zinc . ,,

G 2771. Brass .. pair
7¾ inch

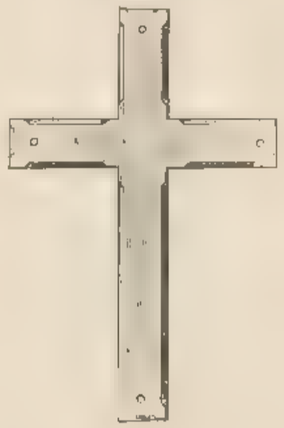
CLIPS.

G 2776—Brass .. doz
G 2777 Nickel plated on zinc } ,, ..

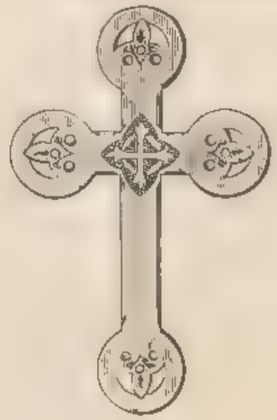
G 2778—Brass ... doz
G 2779 Nickel-plated on zinc } 2 4

G 2780 Brass doz
G2781 Nickel-plated on zinc 2/2 doz

CROSSES.



G 5002 - Brass head . 6 8 10 12 14 inch each
,, foot to match ,,
G 5001—Nickel-plated on zinc head } 3d 4d 9d 1/- 1/6 ,,
Do., foot to match 2½d 3d 6d 8d 10d ,,



G 5003 Brass head ... ... 12 inch each
,, foot to match .. ,,
G 5004. ,, head, plain centre ... ,,
,, foot to match ,,

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BRASS BELL FURNITURE.

SIDE DRIVING CRANKS.

		1	2	3 fly	
G 5026	Light sanded ..	1/6	—	—	dozen.
G 5027	,, burnished ...	1/9	3/-		,,
G 5028	Medium, rough ..	2/3	—	—	
G 5029	,, burnished	2,10	4,9	6,9	,,
G 5030	Strong ,, ..	3,6	6/-		,,

END DRIVING CRANKS.

		1	2	3 fly	
G 5031	—Light sanded ..	1/6		—	dozen
G 5032	,, burnished ...	1/9	3/-	—	,,
G 5033	Medium, rough ...	2/3			
G 5034	,, burnished	2/10	4,9	6,9	,,
G 5035	Strong, ,,	4/	6/6	—	,,

LEADER CRANKS.

		1	2	3	4	5	6 fly	
G 5036	..	6/3	9/-	12/-	15/-	19/-	24/-	doz
G 5037	Strong	7/3	11/-	14/6	18/-	23/-	29/	,,
G [illegible]	Extra strong	14/-	21/6	27/-	35/-	—	—	,,

PILLAR CRANKS.

		1	2	3	4	5	6 fly	
G 5038	..	7/3	9/6	12/-	16/-	—	—	doz
G 5039	Strong	8,6	12/-	15/3	21/6	27/	31/6	
G 6671	—Extra strong	19/-	26/-	34/-	42/-	—	—	,,

TURNOVER CRANKS.

		1	2	3 fly	
G 5040	... ..	5/3	7/6	10/6	doz
G 5041	—Strong ...	7/6	10/6	14,6	,,

MORTICE CRANKS.

		1	2	3	4 fly	
G 5042		9/	12/6	16/6		doz
G 5043	Strong	11/-	14/6	19/-	24/-	,,

CEILING CRANKS.

G 5044 ... ... 18/- dozen

DRIVING PURCHASE CRANKS.

G [illegible] 3/3 dozen

SPRING PURCHASE CRANKS.

G [illegible]

G 504

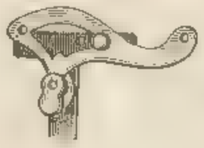
G 5048-50.
8/- dozen
[illegible] 3
9/ ,
10/ ,
13 ,

G [illegible]
G [illegible]
G [illegible]
G 5049 —Stronger
G 5050 — Fancy rose ,, ,

STRONG SPRING PURCHASE CRANKS.

G 5051.

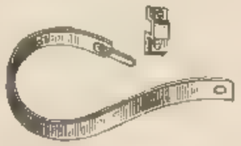
G 5051. 33/- dozen
G 5052 17/6 ,,



G 5052

BELL CARRIAGE SPRINGS.

	Size Nos 2	3	
G 5053	1/9	2/	dozen.



SHUTTER BELL SPRINGS.

G 5054 ... ... 2,6 dozen

BELL SPRINGS.

G 5055 - Single coil light	1/10	dozen
G 5056 ,, ,, stronger, with iron nut and screw	2/10	,,
G [illegible] Double coil, light ...	2/10	,,
G [illegible] ,, ,, stronger, with brass nut and screw	5/-	,,

WHEEL AND CHAIN CRANKS.

G 5060
6 9 doz

G 5061
9/- doz

G 5062
9/ doz

G 5063
9/- doz

G 5064
11/3 doz

G 5065
11/3 doz

G 5066

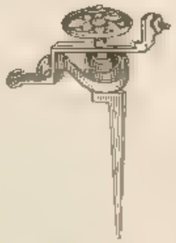
SPRING PURCHASE CRANKS.

G 5066 . 2/3 each
G 5067 —Lacquered or bronzed 2 6 ,,

G 5067

BELL CARRIAGES, ON PLATES.

G 5068 —Light, with bronzed plates	7 6	doz
G 5069 Medium	11/	
G 5070 — ,, ,, brass T ,,	10 6	,,
G 5071 —Strong ,, japanned iron plates	19/-	,,
G 5072 — ,, ,, burnished brass ,,	22,6	,,
G 6672 —Extra strong ditto	38/	,,



BELL CARRIAGES, TO DRIVE.

G 5073 Light, with plain rose ...	7/-	doz
G 5074 — ,, ,, fancy ,, ...	8/-	,,
G 5075 Medium plain ,, ...	12/6	,,
G 5076 — Strong ,, knob ,, ,,	18/-	,,
G 5077 Extra ,, ,, ,, ...	34/	,,

HOUSE BELLS.

G 5078. Turned edge, from 6 ozs. to 4 lbs	
G 5079 and lacquered ,,	,
G 5080 Rough turret 8 inch to 14 inch	

DOOR ALARMS.

		3	3½	4 inch	
G 5081	... ...	3 9	4/6	6/-	each
G 5081A	—Lighter	2 6	—		,,

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BRASS BELL FURNITURE AND GAS FITTINGS.

STRAIGHT PULL ALARMS.

	3	3½	4	5	6 inch
G 5082 ...	3/	3,9	5/	8,3	12/6 each

BELL PENDULUMS, WITH SPRINGS OR EYES.

		1¾ inch
G 5083	Brass rose	8/6 dozen
G 5084	China ,, ...	8,3

GUIDE BOXES.

G 5085 5 inch ... . 18/ dozen

WIRE GUIDES.

G 5086 ... ... 1,6 dozen

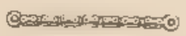
G 5087 On plate or to drive ... 3 6

BELL TRIGGERS.

G 5088 . .. 11 6 dozen

CHECK SPRINGS.

		5	6 inch
G 5090	Steel Wire .	11½d	1/1 dozen
G 2791	,, ,, Strong	7×½ inch	3 9



BELL LEVER CHAINS.

G 5091	4½ inch	1/6 dozen
G 5092	5 inch, stronger ...	1/8

TINNED BELL STAPLES.

	¾	1	1	1¼ inch
G 5093	2d	2d	2½d.	3½d gross

STRAIGHT BURNER SOCKETS.

		⅜	½ inch
G 6006	For brass	1/4	2/- dozen

G 6007	With gallery .	3,2	3/9
G 2792	Without gallery ..	1,6	2/3

ELBOW BURNER SOCKETS.

		¼	⅜	½ inch
G 6008	For brass ...		2/-	2,6 dozen
,,	For iron ...	2 6	3,6	,,
G 6009	With gallery, for brass		3/9	.
G 2793	Without gallery ,,		2/3	—

PENDANT TOPS.

		½	⅜	½	¾ inch
G 6010	For brass		9 6	11/6	— dozen
,,	For iron	14/-	18/3	25/6	37/-

BRACKET BACKS.

		¼	⅜	½ inch
G 6011	—For brass ...	—	13/-	15,6 dozen
	For iron ...	16/-	22/6	37/-

WING BACKS.

		¼	⅜	½ inch
G 6012	—For brass ...		6 6	7/6 dozen
	For iron ...	7,6	12/-	21,6 .

UNION COCKS.

		⅜	½ inch
G 6013	-For brass	7/-	8,9 dozen

FLEXIBLE TUBE BACKS.

		⅜	½ inch
G 6014	For brass ...	12/	14/- dozen
,,	Bronzed ...	13/6	16/- .

ELBOW LEVER COCK.

For ½ inch Brass

G 2798 Dead Lacquered 2/8 each

CEILING PLATES.

		¼	⅜	½	¾	1 inch
G 6015.—	For brass	—	4.6	6/-	9/3	12 9 dozen
	For iron	3 9	4 6	6,-	9 3	12 9

CUP AND BALL JOINTS.

		⅜	½	¾	1 inch
G 6017	Iron, male and female	15,	18 6	23 9	44/ dozen

ELBOW COCKS.

		½	¾	½ inch
G 6018	—For brass ..	—	6.6	7/- dozen
,,	For iron ...	8 3	9 6	10/3 ,,
G 2790	—For brass, screwed for gallery		6 9	—
	For iron ditto	8 9	.	.

NOSE COCKS.

		½	⅜	½	¾ inch
G 6019	For brass		5/9	6/	9 6 dozen
	For iron	6/	8.3	9 6	

GAS COCKS.

		⅜	½ inch
G 6021	For brass	5 6	6/6 dozen

PIPE LIGHTS.

G 6022. For brass, ¼ inch .. .. 3/6 dozen

FLEXIBLE TUBE AND BURNER COCKS COMBINED.

G 6023. For brass, ⅜ inch ... ... 14/- dozen

ROUGH TEE JOINTS.

		⅜	½ inch
G 6024	—For brass	2/2	3/3 dozen

ROUGH ELBOW JOINTS.

		⅜	½ inch
G 6025	—For brass	2,	2 6 dozen

NOSE PIECES.

		⅜	½ inch
G 6026	For brass . ..	1,4	1 8 dozen

G 6027. For brass . .. 2 6

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BRASS GAS FITTINGS.

PENDANT BODIES.

	¼×⅛	⅜×¼	½×⅜	¾×½ inch
G 6028 —For iron	7/-	10/-	15/6	21/9 dozen

SINGLE SWIVELS.

G 6029	¼×⅛	¼	⅜×¼	⅜	½×⅜	½ inch
For brass ..	—		—		5/3	6/- dozen
,, iron ..	6/3	8/-	9/-	10/3	12/	17/-

DOUBLE SWIVELS.

G 6030	¼	⅜	¼×⅛	⅜×¼	½×⅜ inch
For brass ...		—	—		7/3 dozen
,, iron ...	8/3	10/6	7/3	9/6	15/9 ,,

UNIVERSAL SWIVELS.

	¼ × ¼	½ × ⅜ inch
G 6031 For brass ...		11/3 dozen
,, iron	17/	27/

G 6032.

UNION JOINTS.

	⅜	½	¾ inch
G 6032 For brass ...	2/10	3/9	7/6 dozen
G 6033 ,, ...	4/-	5/-	,,

G 6033

G 6034.

DIMINISHING PIECES.

		½ × ⅜ inch
G 6034. For brass		1/- dozen
G 6035 ,, ...		2/- ,,

G 6035.

G 6036	¼	⅜	⅜ × ½	½ × ¾	¾	1	1 × ¾ inch
For iron ...	1/-	1/6	2/3	3/3	4/6 dozen		

G 6036.

CAPS AND LININGS.

	⅜	½	¾	1 inch
G 6037 —For iron, tinned ...	2/-	2/6	4/-	6/9 dozen

CONNECTING PIECES.

	⅜	½	¾ inch
G 6038 For brass ...	1/3	1/6	3/9 dozen

	⅜ × 1¼	½ × 2 inch
G 6039 —For brass and tinned	1/-	1/3 dozen

G 6040 For brass and tinned ...	⅜ × 1½ × 1½	½ × 1½ × 1½ inch
	1/6	2/3 dozen
	⅜ × 2 × 2	½ × 2 × 2 inch
	1/9	2/6 dozen

STOP CAPS.

	⅜	½ inch
G 6041 —For brass	1/-	1/6 dozen

G 6043

THREE-LIGHT CLUSTER BURNERS.

G 6045

	Female	Male
G 6043.—For ⅜ in Brass ..	11/6	12/- dozen.
G 6045 — Ditto	13/6	14/- ,,

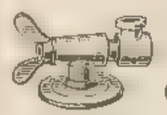
GAS BURNERS.

G 2801 —Special slit union screwed for globe holder, 21/- gross. 2/- dozen.

G 2802 —Eclipse gas economiser ... ... 8/6 gross 10d. dozen

G 6048. Enamel regulators, Nos 1 to 8 ... 7/6 gross 9d. dozen

For Argand Burners, see our Chandelier Section.



OUTSIDE LAMP TOP.

½ inch Iron

G 6049 —Green bronze ... ... 3/3 each

GLASS HOLDERS.

G 6051 —Stamped ... ... 1/3 dozen

G 6052 — ,, circular with three screws ... ... 4/- ,,

NOSE PIECES FOR FLEXIBLE TUBE.

G 6053. —For ⅜ in brass, Male ... ... 2/2 dozen

Female ... 1/6 ,,

COCKS FOR FLEXIBLE TUBE.

	⅜	½ inch
G 6054 —For brass, Male ..	7/6	8/6 dozen
Female ...	7/-	8/- ,,

PLUG COCKS.

	⅜	½ inch
G 6055 Tinned ends	5/9	7/ dozen

PLUG COCKS.

G 6056

	⅜	½	¾	1 inch
Tinned ends and unions	10/3	12/3	19/-	[illegible] dozen

TIGHTED UNIONS.

	⅜	½	¾	¾ inch
G 6057 —Tinned ends .	2/10	3/6	5/-	7/ dozen

TEE JOINTS.

	⅜	½	¾ inch
G 6058 Tinned ends .	6/6	8/3	11/- dozen

MAIN COCKS.

	½	¾	1	1¼	1½ inch
G 6059 —For iron	1/5	2/-	4/	—	— each
G 6060 For iron tinned end	1/6	2/6	4/6	8/6	12/6 each
G 2794.—Do with T head	1/5	2/-		—	,,
G 2795 —Malleable Iron Spanners for ditto	1½d.	2d	3d.	5d	6d ,,

GAS TUBES.

	5/16	⅜	½ inch
G 6061 —India rubber, wired ..	2½d.	3d	4½d foot

G 2796 Extra stout red solid rubber, not wired, ⅜ inch ... 5½d foot

GAS TAP PLATE.

G 2797.—3 inch . ... 10d each

ATMOSPHERIC BURNERS FOR GAS FIRES.

G 2799 —3½ × ⅜ inch, Brass ... ... 5/6 dozen.

G 2800

Air Bulbs, ¾ × ⅜ inch, Brass ... . 7/6 ,,

	3	4	5	6 inch
Brass Tubes for ditto	3/6	4/-	5/-	6/ dozen

Illustrations are about one-sixth full size *The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.*

MOUTHPIECES AND WHISTLES.

G 5096–G 2804 G 5098 G 2805 G 2806

G 5096	Cocus wood, screwed for ½ or ¾ in. iron pitch ...	...	9/6 dozen
G 5097	— ,, ,, with indicator	..	11/6 ,,
G 2803	—Ebony ,, without indicator do. ...	...	12/6 ,,
G 2804	— ,, ,, with indicator do. ...	..	14/6 ,,
G 5098	— ,, ,, do. do. ...	...	1/10 each.
G 2805	Cocus, do do. ...	...	1/8 ,,
G 2806	Cocus, with indicating whistle, do. ...	...	1/9 ,,

G 2808 Complete with oval cocus or ebony mouth pieces and whistles, brass mount and braided tube—

12	18	24	30	36 inch
4/9	5/3	5/9	6/3	6/9 each.

G 2810 Speaking tube hook ... . 5d each.

G 2811. Spring terminal or cue holder with white bone knobs .. .. } 6d. ,,

FLEXIBLE TUBE, WORSTED COVERED, ANY COLOUR.

	Outside diameter	¾	⅞ inch
G 6002	...	9d	1/- foot

METAL TUBES FOR SPEAKING TUBES.

	Internal diameter	⅝	¾ inch
G 5100 —Iron for underground, or where tubes are liable to get damaged		—	3d. foot
G 5101 —Ditto, galvanized			4½d ,,
G 5102 —Composition for internal work		3d	3½d ,,

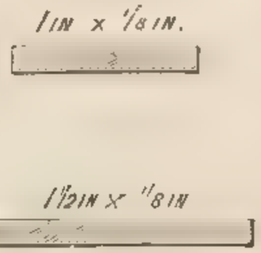
CONNECTING PIECES.

G 5103 G 6003 G 6004. G 6005

		½	¾ inch.
G 5103	For connecting mouthpiece to metal pipe, iron pitch ...	7/6	9/6 dozen
G 6003	,, ,, ,, ,, ,, ,, ,, ...	2,9	4/3 ,,
G 6004	,, ,, ,, flexible tube ,, ,, ...	4/9	6/6 ,,
G 6005.	,, ,, ,, ,, ,, to pipe, ditto	5/-	6/9 ,,

The ½ inch fittings are suitable for working with ⅝ inch composition tube.

		¼	⅜	½	¾ in iron gas pipe
G 2812	Brass pipe clips ...	8d	1/-	1/4	1/8 per dozen



G 6082

SOLID COPPER TAPE CONDUCTORS, IN CONTINUOUS LENGTHS.

Recommended as the most efficient safeguard against damage by lightning It is easily fitted around bends, cornices, or other ornamental work; is neat in appearance, and resists atmospheric action better than copper rope

Prices, complete with plain elevating tube and all fittings necessary for fixing-

¾ inch × ⅛ inch	...	9d per foot
1 inch × ⅛ inch	...	1/- ,,
1½ inch × ⅛ inch	...	1/3 ,,

G 6083

COPPER ROPE CONDUCTORS.

Price, complete, with plain elevating tube and all fittings necessary for fixing

⅝ inch Copper Rope	...	11d. per foot
½ inch ,, ,,	...	1,2 ,,
⅜ inch ,, ,,	...	1/6 ,,

If Insulated, 2d per foot extra, but we do not recommend Insulators

Special prices on receipt of lengths

Four-way Points, as drawn, 5/6 extra.

Copper Earth Plates, 36 inches × 24 inches × 1/16 inch, of high conductivity copper, with serrated edge . 2/ each

Nickel-plating points, to prevent oxidation ... ... 4/- extra

For buildings up to 50 feet high, we advise ¾ inch × ⅛ inch tape, or ½ inch rope
,, ,, 100 feet ,, ,, 1 inch × ⅛ inch ,, ,, ⅝ inch ,,
,, ,, 200 feet ,, ,, 1½ inch × ⅛ inch ,,

In fixing, great attention should be paid to all joints, which should be soldered or brazed together
The conductors should in all cases be carried about 20 feet from the building into permanently damp ground
The above prices are for not less than 60 feet, measuring over points

Illustrations are about one-sixth full size. The illustrations of Connections for Speaking Tubes represent but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

ELECTRIC BELL FURNITURE.

IRON FRAMED BELLS.

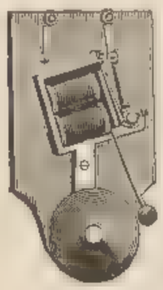
In Walnut Boxes.

G 2816

2⅞ in	...	29/- doz.	2/9 each
3 ,,	...	31/6 ,,	3/- ,,
3½ ,,	...	40/ ,,	3 9 ,,
4 ,,	..	50/- ,,	4/8 ,,

BEST QUALITY.

In Mahogany or Walnut Boxes



G 6600

3 in	..	... 6 3 each
3½ ,,	...	... 8/6 ,,
4 ,,	...	... 10/3 ,,

CONTINUOUS RINGING BELLS.

3 in.	...	... 10/8 each
3½ ,,	...	... 13/- ,,
4 ,,	...	... 14/9 ,,

INDICATORS,

With Mechanical Replacement.

G 2817.

In Polished Case, handsome Teak Mouldings, and Glass, Gold Lined.

With 2 Nos and upwards .. per No 3/4.

With Self-replacing Pendulum Movements.

G 2818

In Cases the same as G 2817

With 2 Nos and upwards ... per No 3/

Bells fitted on Indicators with Mouldings with 3 in. Bell 7/6 4 in. Bell, 9/3 each.

Lettering 5d per hole extra. Name and Address free; or if with no Lettering, Name and Address 1/3 extra

PULL BOXES.

G 6606.

For ordinary Bell Rope, 3/3

PEAR PRESELLES.

With six feet of Silk Cord and Rose.

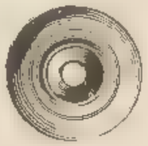
G 2813
Ordinary ... 1/6 each

G 2814
Medium ... 1/10 ,

G 2815
Best ... 2/3 ,,

PRESELLES AND PULLS.

G 6610
2½ in Ebonized, Boxwood, Cocus Wood, or Walnut,
1/- each.



G 6611
Ebonized, Oak, or Walnut,
2 2½ 3 in
3d. 5d 6½d each
Best ditto,
2 2½ 3 in.
6½d. 9½d 11d. each.

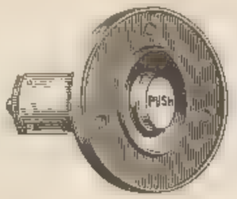
G 6612
China, with Ebonite back, plain white, black, or cream,
2½ 3 in
1/- 1/3 each
Ditto, ditto, gold lines,
2½ 3 in
1/3 1/6 ea

G 6613.—Brass,
2½ 3 in
1/5 1 9 each

G 2820 Machine made Brass,
3 × 1⅝ in., 1/3 each

G 2821 Brass
3½ in × 1½ in.,
3/3 each

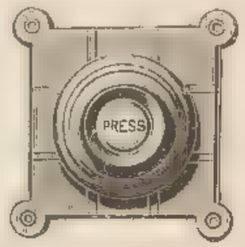
G 6616.
Polished Brass,
1 4 each



G 6617.
Bronzed, or Polished
2 2½ 3 4 in
3/6 4 3 5 3 6 3 ea

G 6618
Bronzed Brass, raised centre, flat back,
2½ 3 3½ 4 in.
11½d 1/2 1/9 1/10 ea.

G 2203
Brass
3½ in , 2/8 each



G 644 Brass } 4 4 5 6 in.
5 9 6 7 9 6 ea
G 2823. To pull out } 4/6 5/- 5/6 6/9 ,,

A large assortment of higher class Preselles sent for selection on receipt of requirements.

COMBINED PRESELLES AND MOUTHPIECES FOR SPEAKING TUBE.

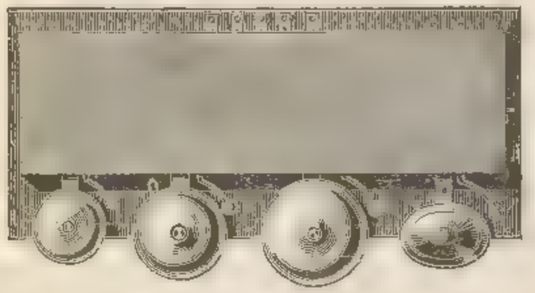
G 2826. 6½ × 3 in
Brass, 13/6 each.

G 2827 8 3½ in
Brass, 9/- each

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

ELECTRIC BELL FURNITURE.

ELECTRIC BELL BOARDS OR CHIME BELLS.



G 2840

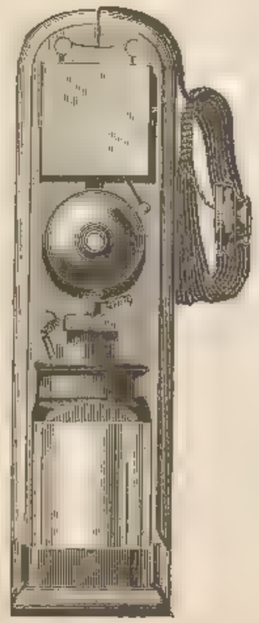
Each bell having a different and distinct tone

Specially recommended for small houses, instead of indicators. Mounted with any kind of gong In walnut polished cases.

Set of 2 bells of different tone	7/6
3 " " "	14/6
4 " " "	15/6
5 " " "	19/6
6 " " "	22/-

AMATEUR SETS OF BELLS IN CARDBOARD BOXES.

G 2838



G 2839

No. 1.—Consisting of 2½ inch bell, Leclanché cell, with sal-ammoniac, 30 feet twin wire, and wood push per set 6/3

No 2 With 3 inch bell, two Leclanché cells, 60 feet twin wire, wood push, staples, and spare zinc, per set, 9.-

No. 3. With 3½ inch bell, two Leclanché cells, 90 feet twin I R covered wire, wood push, with staples and spare zinc, per set, 12,-

G 2839

Mounted on board, as illustrated

No. 1	7/6
No. 2	10,6

THIEF DETECTOR CONTACTS.

For indicating when window or door has been opened,

G 6619

3½ × ½ inch.

Brass plate ... . 1/8 each

G 2834

Barrel pattern ... ... 3/6 each

WINDOW BLIND CONTACT.

G 6620 3/- each.

PULL CONTACT.

G 2835

With spring .. .. 3/- each

DOOR TRIGGERS.

G 2836

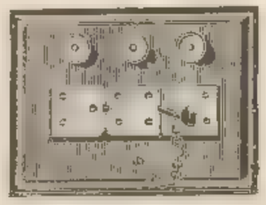
Single or double action ... ... 2/8 each

LECLANCHÉ CELLS.

G 6605

6 inch, per cell, 1/3, or 13/6 dozen

PEG SWITCH, WITH PEG & CHAIN.



	2	3	4	5	6 way
G 2830	[illegible]	[illegible]	[illegible]	7/9	[illegible] each

LEVER SWITCH.

G 2831

1 way	1/6 each
2 "	1/8 .
3 "	1/10 "
4 "	2/2
5 "	2/4
6 "	2/6 "

DOUBLE COTTON COVERED AND PARAFFINED LINE WIRES.

G 2832

B W G	Per 110 yards	Per mile
22	3/	£1 11 6
20	3/9	£2 5 0

INDIA-RUBBER COVERED LINE WIRES.

G 2833

Tinned copper wire covered with pure India Rubber, double cotton covered and paraffined.

B W G	Per 110 yards	Per mile
22	4 2	£2 8 6
20	5/-	£3 4 0
18	8,9	£5 8 6

No. 16—Underground wires, viz, copper covered with gutta percha 9, B W G, and taped and tarred, 26/- per 100 yards

SQUARE STAPLES, for Fixing Wires.

G 2841 ½ inch, tinned ... ... 3d per gross

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST LONDON MADE BRUSHES AND MASONS' TROWELS.

SASH TOOLS.

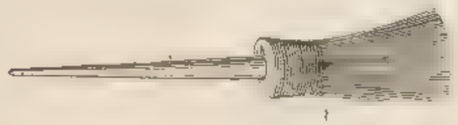
Size Nos.	4	5	6	7	8	10	12	
N 6110.	5½d	7½d.	10d.	1/1	1/5	2/2	2/8	each.

N 6110A. Patent copper band, indestructible, same price as 6110.

Size Nos	4	6	8	10	12	14	16	18	
N 6111 German ditto	1½d	2½d.	4d	5½d.	7d.	10d.	1/2	1/6	each.

N 4100 -Oval with patent copper band, indestructible

Size Nos.	6	7	8	10	12	
	10½d	1/2	1/6	2/3	2/9	each.



PAINTERS' DUSTERS, STRING BOUND.

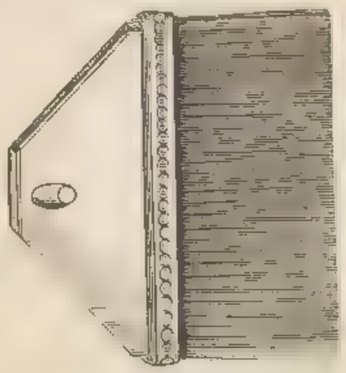
Size Nos.	000	00	0	1	
N 6112.	..	4/-	3/-	2/7	2/2 each

GROUND PAINTERS, STRING BOUND.

Size Nos.	000	00	0	1	
N 6113.	...	3/10	3/	2/8	2/1 each

N 4101. Oval metal wire bound ditto.

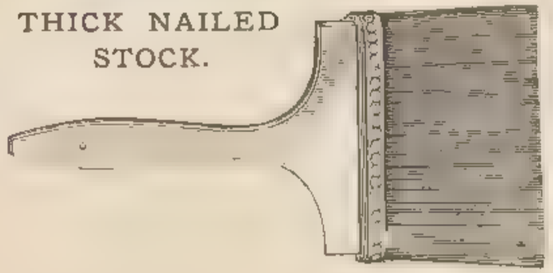
Size Nos.	000	00	0	
	4/-	3/2	2/10	each.



LIMERS.

Size Nos.	XX	X	1	
	9	8	7	oz.
N 6114. Grey bristles	7/6	6/8	6/2	each
N 6114A Second quality	6/	5/4	4 8	..
N 6115 — Imperial ..	8/6	—	—	,

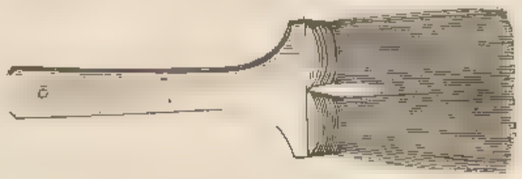
THICK NAILED STOCK.



Size Nos.	1	2	3	4	
	7	6	5	4	ounce.
N 6116 ...	6/8	5/4	3/11	2/6	each

Above prices are for best London made; a cheaper quality supplied if desired

TWO-KNOT DISTEMPER, COPPER BOUND.



N 6117

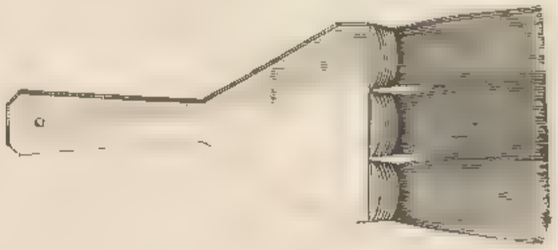
Size No 2.

8 ounce.

7/8 each.

N 4102 —Two-knot fibre do., brass band ... 6d each.

THREE-KNOT PLASTERERS, COPPER BOUND.



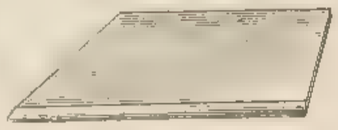
Size No	XX	X	1	
	9	8	7	ounce
N 6118.	8/6	7/8	6/6	each

PAPER HANGERS.

N 6119

6/ each

N 6119A Ordinary pattern, short handle ... .. 4/2 each



MASONS' JOINT RULES.

N 6120

	4	6	8	10	12	14	16	18	inch.
	7d	8d	10½d.	1/2	1/5	1/7	1/10	2/1	each

MASONS' SMALL TOOLS.

N 6121 8d each

N 6122 8d each

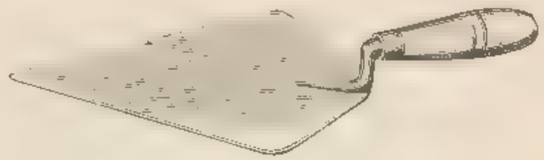
MASONS' LINE PINS.

N 6123 —Malleable ... ... 3d pair

MASONS' DRAGS.

	4	5	6	inch
N 4103 Assorted teeth	7½d	7½d	7½d	each

BEST QUALITY CAST STEEL MASONS' TROWELS.

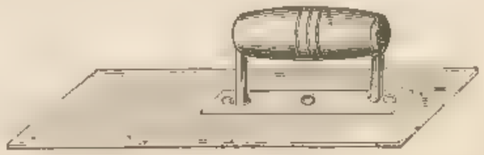


	8	8½	9	10	11	12	inch
N 6124 Brick	1/11	2/-	2/1	2/3	2/6	2/8	each

	4	5	6	7	inch
N 6125 Pointing	1/0	1/1	1/3	1/5	each

	4	5	6	inch.
N 6126 Broad Pointing	1/0	1/1	1/3	each

	6	7	8	9	10	inch
N 6127 —Gauging ..	1/7	1/9	1/10	2	2/3	each



	11	11½	12 × 4	inch
N 6128.—Plasterers	2/6	2/7	2/8	each

The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST WARRANTED JOINERS' TOOLS.

THE IRWIN PATENT AUGER BITS.

	7/4	5/16	5/8	7/16	1/2	5/8	3/4	7/8	1 inch
N 4110 ...	8d	9d	10d	1/-	1/1	1/3	1/6	1/9	2/- each

PATENT BRACE BITS.

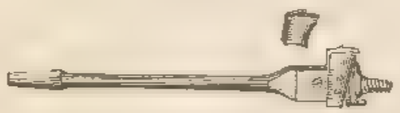
	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4 inch
N 6130 ...	11d	11d	11d	11d	11d	1/-	1/1	1/3	1/4	1/6	1/9	2/ each
N 6130A. Unbreakable solid wing	11d	11d.	11d	11d	11d	1/	1/1	1/3	1 4	1/6	1/9	2/ .

SCREW AUGERS.

	5/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2 inch
N 6131 ..	8½d	8½d	9d	11d	1/-	1/1	1/3	1/5	1 10	2/3	2 9 each

PATENT SCREW AUGERS.

	5/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2 inch
N 6132	1/1	1/1	1/3	1/5	1/7	1/10	2/-	2/4	2/6	2 10	3 0	each
N 6132A.—Unbreakable solid wing	1/3	1 3	1/5	1/8	1/10	2/1	2/5	2/8				each



CLARK'S EXPANDING BIT.

	½-1½	⅞-3 inch
N 6134 .	4 9	6/9 each

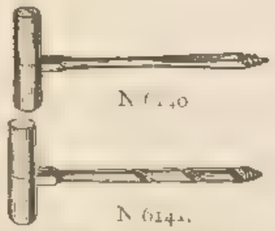
BRADAWLS (Assorted).

N 6135	Round handles	...	1/1 dozen
N 6136	Oval ,,	...	1/4 ,,
N 6137	Blades only	...	6d. ,,

FLOORING AWLS (Assorted).

N 6138	..	...	4d each
N 6139	—Blades only	...	1/2 doz.

CAST STEEL GIMLETS.



N 6140

N 6141.

	1/16	1/8	3/16 inch
N 6140 ...	2d.	2d.	2d. each
	1/4	5/16	3/8 inch
	3d.	5d	6½d each.
	1/16	1/8	3/16 inch
N 6141 ...	2½d	2½d	2½d each
	1/4	5/16	3/8 inch.
	3½d.	5½d.	7d each

N 6140 —Assorted to ¼ inch ... 2 - doz.
N 6141 — ,, ,, ... 2/3 ,,

BELL HANGERS' GIMLETS.

N 6142 —12 in. 5d , 18 in. 6d , 24 in. 8d. 30 in 10d., 36 × ¼ in. 1/-.
18 in. 7½d , 24 in. 10d., 30 in 1/1, 36 × 5/16 in. 1/3 each

CABINET TURNSCREWS.

	3	4	5	6	7	8	9	10 inch.
N 6143 ...	5d.	6d.	7d.	8½d.	9½d.	11d.	1/1	1 3 each

OVAL BOX HANDLE CABINET TURNSCREWS.

	3	4	5	6	7	8 inch.
N 4111 .. .	6d.	8d.	10d.	11d.	1/1	1/4 each.

SPINDLE TURNSCREWS.

	8	10	12	15 inch
N 4112	4½d.	5d.	6d.	7d. each

LONDON PATTERN TURNSCREWS.

	3	4	5	6	7	8	9	10	12 inch.
N 6144 . .	4d.	5d.	6d.	7d	8½d.	9½d	11d	1 1	1 6 each

CAST STEEL FIRMER CHISELS.

N 6145.

	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 inch.
	3½d.	3½d.	3½d	4d.	4d.	4½d.	5d.	5½d.	6d.	6½d.	9d.	11d.	1/1	1/4 each.
N 6146 Strong	4½d.		5d.	5½d.	6d.	6½d	7½d.	8d.	11½d.	1/2	1/5	1/7		,,
N 6147 Bevelled edge	6½d. —		7d.	7½d.	8d.	8½d	9½d.	10d.	1/2	1/4	—			,,

N 6148.— ⅛ ¼ ½ ⅝ ¾ ⅞ 1 1¼ 1½ 1¾ 2 inch.
Handled 5½d 6d. 6½d. 7d. 7½d. 8d. 8½d. 11d 1/2 1/4 1/7 each.
N 6149.—Sets of Firmer Chisels from 1/16-1 in. 4/6, ⅛-1½ in. 5/7 set.
,, Ditto, ditto, handled ,, ,, 6/6; ,, 8/- .

CAST STEEL LONG THIN PARING CHISELS.

	½	¾	1	1¼	1½ inch.
N 6150	7d.	9d.	11½d.	1/4	1/7 each.
N 6151.—Bevelled edge ...	—	1/1	1/4	1/11	2/2 ,,

CAST STEEL MILLWRIGHTS' CHISELS.

	¾	1	1	1½	1½ inch.
N 6152	1/1	1 1	1 4	1 8	2 1 each.

BEST MORTICE CHISELS.

	¼	3/8	½	5/8 inch.
N 6153	11½d.	1/	1/2	1/5 each

Sets of ⅛ to 5/16 inch, 8/6 set.

BLUED CAST STEEL SOCKET CHISELS.

	¼	3/8	½	5/8	¾	7/8	1	1¼	1½ inch.
N 6154	10d.	10d.	10d.	10½d.	11½d.	1/-	1/1	1/4	1/6 each.

LOCK MORTICE CHISELS.

N 6155. ½ inch, 3/- ; ¾ inch, 3/4 each.

CAST STEEL FIRMER GOUGES.

N 6156. Ordinary, middle or flat sweep

	¼	3/8	½	5/8	¾	7/8	1	1¼	1½ inch.
	4½d.	5d.	5½d.	6d.	6½d.	7d.	7½d.	10½d.	1/1 each.

	¼	3/8	½	5/8	¾	7/8	1	1¼ 1½ in.
N 6157. Ordinary handled	6½d.	7d.	7½d.	8d.	8½d.	9d.	9½d.	1/1 1/4 ea.

N 6159.—Do , in sets, ⅛ to 1 inch, 5/6 , do , do., handled, 7/6 set

BLUED CAST STEEL SOCKET GOUGES.

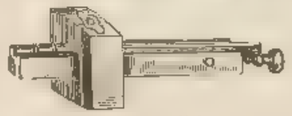
	½	1	1¼	1½ inch
N 6160. Insteeled ..	1/1	1/2	1/4	1/7 1/10 each

MARKING GAUGES.

N 6162.—London pattern, beechwood	7½d.	each.
N 6163.—Thumbscrew ,, ...	6d.	,,
N 6164.— ,, ,, plated	8d	,,

CUTTING GAUGES.

N 6166.	Beechwood ... 8d.	each.
N 6167.	,, plated 10d.	,,
N 6168.	Hardwood ... 1/2	,,



MORTICE GAUGES.

N 6169.	Brass slide	1/6	each
N 6170	Thumbscrew slide, plated rosewood ...	2/10	,,
N 6171	Turnscrew, ,, ,, ...	3/-	,,
N 6172	,, ,, ebony ..	3/-	,,
N 6173	Reverse end, ,, rosewood ...	3/4	,,
N 4113	Ebony oval, round brass stem	4/-	,

Improved REGISTERED AUGER HANDLES.

Adjustable for any size.
N 6176.
Beechwood . 1/6 each

The varieties described represent in many cases but a small selection from those that can be supplied. *Further details and special prices will be sent on receipt of requirements.*

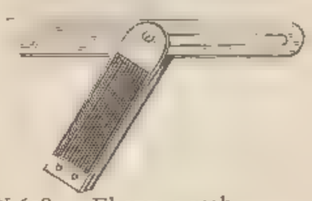
BEST WARRANTED JOINERS' TOOLS.

PLATED SQUARES.

	4½	6	7½	9	12	15	18 inch
N 6180 —Rosewood . .	11d.	1/1	1/4	1/7	2/-	—	— each
N 6181 — ,, best plated	1/2	1/4	1/8	2/	2/6	3/6	4/3 ,,

MITRE SQUARES.

N 6185 Rosewood 12 inch . . each



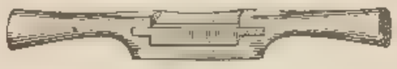
SLIDING BEVELS.

N 6183 Ebony, 9 inch .. . 10 each

SCREW BOXES AND TAPS.

						1 inch
N 6184 ...	3/6	3/6	3/6	4/		5/ each

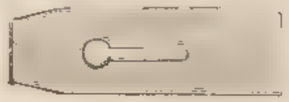
SPOKESHAVES, with CAST STEEL IRONS.



	1½	2	2½	3	3½	4 inch
N 6185 Beech	8d	8d	8d	10d	11d.	1/- each.
N 6186 Box	1/	1/-	1/	1/2	1/4	1/6 ,,

CAST STEEL DRAWING KNIVES.

	6	7	8	9	10	12 inch
N 6187	2/-	2/-	2/-	2/-	2/2	2/7 each



CAST STEEL CUT PLANE IRONS.

					inch
N 6188	8d	2½d	1	11/	each
N 6189 Parallel	10d.	1/1	11/-	1/1	

CAST STEEL DOUBLE PLANE IRONS.

	2	2½	2¼	2½ inch
N 6190 .	1/3	1/4	1/5	1/8 each
N 6191 – Parallel. .	1/7	1/7	1/9	2/-

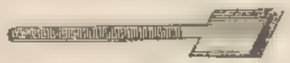
PLOUGH BITS.

Sizes No 1 to 8

N 6192 ... .. 6½d each

SQUARE RABBIT IRONS.

	¾	⅞	1	1¼	1½ inch
N 6193	3½d	4d.	4d	4½d	4½d each

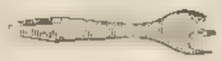


SKEW RABBIT IRONS.

	⅞	1	1¼	1½ inch
N 6194	4d	4½d	4½d	4½d 5d each

SOFT MOULDING IRONS.

	1	1¼	1½ inch
N 6195 .	3d	3½d	4d each



BLACK CENTRE BITS.

						⅝ ¾ inch
N 6196		3d		3d		3½d each
⅜	1	1⅛	1¼	1½	1⅝	2 inch
4d	4d	4½d	5d.	7d	8½d	10½d each

FLAT COUNTERSINKS.

	½	⅝	¾ inch
N 6197 .	4d	4½d	6d each

ROSE COUNTERSINKS.

	⅜	½	⅝	¾ inch
N 6198 .	4d	4½d	6d	8d each

SNAIL COUNTERSINKS.

				½	⅝ inch
N 6199	...	..	..	4d	5d each

TURNSCREWS FOR BRACE.

N 6200 ... ... 3½d each

FORK TURNSCREWS, DITTO.

N 6201 .. .. 4d each

CAST STEEL TWIST BITS, STRAW COLOUR.

	⅛	3/16	¼	5/16	⅜ inch
N 6202	2½d	2½d	2½d.	2½d	3d each
Assorted, ⅛ to ⅜ inch . .			...	.	2/6 dozen

SHELL BITS.

	1/16	1/8	3/16	¼	5/16	⅜ inch
N 6203			4d			4½d each

BED BITS.

	⅜	½	⅝ inch
N 6204		6d	6½d each

NOSE BITS.

	¼	⅜ inch
N 6205	4d	4½d each

SQUARE RHYMERS FOR BRACE.

N 6206 . ... 4d each

HALF ROUND RHYMERS FOR BRACE.

N 6207 ... ... 4d each

HEXAGON RHYMERS FOR BRACE.

N 6208 6d each

SQUARE RHYMERS HANDLED.

N 6209 ... . 6½d each

TOOL PADS, BOXWOOD HANDLES.

Containing	10	12	15 tools
N 6210 . .	1/6	2/-	3/8 each

OCTAGON CHIPPING CHISELS.

N 6211 ... ¼ and ⅜ ... ½ and ¾ and ... 1¼ inch 5½d per lb

MASONS' PLUGGING CHISELS.

N 4120. 10 × ½, 12 × ⅝ inch ... ... 1/2 per lb

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BEST WARRANTED JOINERS' TOOLS.

SPIRIT LEVELS.

	8	10	12 inch
N 6213 —Brass plated top ...	1/-	1/3	1/6 each
N 6214 — ,, ,, ,, best	2/-	2/5	2/8 ,,
N 6215 — ,, ,, ,, plumb and level	1/6	1/10	2/3 ,
N 6216 — ,, ,, ,, plumb and level, with field sight	3/4	4/-	4/8

IMPROVED SPIRIT LEVEL.

N 4124 —18 inch ... 4/- each
N 4125 —Ditto, brass tipped top and bottom corners ... 4/8

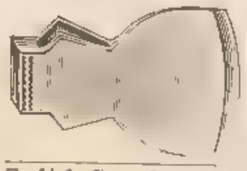
This level is proved or tested on the top as well as on the base so that it can be used for testing overhead work from the top of the level in places where it is not possible to place the level on its base. Builders, Plasterers, Carpenters, Joiners, Engineers, &c., will find this level of very great service.

MASONS' BEST BOXWOOD RULE PLUMB SPIRIT LEVELS.

N 6217

6	9	12 inch
1/9	2/-	2/6 each

STEEL POLE KENT AXES.



N	1½	1¾	2	2¼	lbs. and above
6218	1/-	10½d	9½d	8½d.	per lb

N 6219 Ditto handled

1	2	2½	3	3½	4 lbs.
2/-	2/3	2/6	3/-	3/4	4/- each

Solid Steel KENT FELLING AXES.

N 4126 4 lb. to 7 lb ... 10½d. per lb

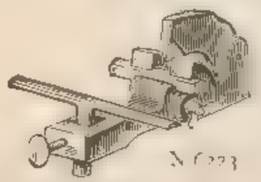
HOUSE ADZE.

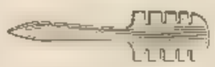
N 6220

Size Nos.	1	2	3
	2/4	2/6	2/8
	each		

SAW SETS.

N 6222. Beech handle, 8d each.





N 6221 Bright 6d. each

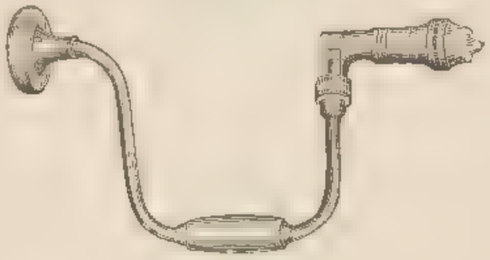
N 6223 American 4/- each

MORRILL'S PERFECT SAW SETS.

N 4127. 2/9 each.

BRACES.

N 6224, 26



N 6227, 28

N 4129

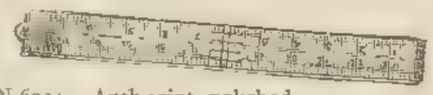
N 6224 Improved iron with hard wood head and handle, 8 in sweep ... each
10 in do 2/4
N 6225 Ditto, with teak ditto, 10 in sweep 3/4
N 6226 Ditto, with rosewood ball bearing head N P. 10 in sweep 6/3
N 6227 —Ditto, with ratchet, with beech wood head and handle, 9 inch sweep ... 4/-
N 6700 —Ditto, ditto, with teak wood head and handle, N P 10 in sweep ... 6/-
12 inch sweep
N 6228.—Ditto, ditto with rosewood head and handle, ball bearing head, N P, 10 in. sweep ... 7/9
12 inch sweep 8/6

N 4128. Lignum vitæ head rosewood handle with ratchet, ball bearing in head, handle, and nose, N.P.
10 inch sweep, 11/6; 12 inch do., 13/6 each.
N 4129.—Rosewood head and handle.
8 inch sweep, 4/6, 10 inch sweep, 5/ each

Set of Brace Bits unfitted

	Sets of thirty six.
N 6232.—Black	8/6
N 6233.—Straw colour	12/

BOXWOOD RULES. (Two Foot, Four Fold.)

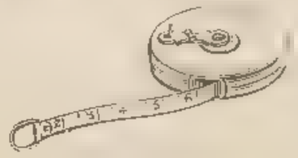


	4	1	1¼	1⅛ inch wide.
	9d.			each
N 6234 —Arch joint, polished				
N 6235 — ,, ,, ...	10d	1/1		1/5
N 6236 — ,, ,, brass slide		2/8		
N 6237 — ,, ,, polished, bevelled edge, with drawing scales		[illegible]		
N 6238.— ,, ,, ,, cheap	—			1/
N 4130 ,, ,, bevelled edge with drawing scales, German silver mounts	—	[illegible]		
N 4131 —Do do. best finish		[illegible]		

BOXWOOD RULES. (Two Foot, Two Fold).

	1⅝ inch wide
N 6240. Arch joint bevelled edge	10d each
N 6241. ,, ,, brass slide	[illegible]
N 6239 ,, bevelled edge, polished	1/-
N 6242 ,, ,,	2/-
N 6243 Ditto with tables for timber measuring	2/6

MEASURING TAPES.



	33	66	100 feet
N 6244 —Linen	3/4	5/-	— each
N 6245 —Metallic	5/3	7/6	10/6 ,,
N 4132 —Constantia	[illegible]	8/6	11/6 ,,
N 4133 —Steel		27/6	— ,,

TINMAN'S HAND SHEARS.

	8	10	12	14 inch
N 6284 —	1/8	2/3	3/-	4/ each
N 6285 —Best Lancashire—	2/-	3/-	4/6	5/10

BRIGHT CALLIPERS.

	3	4	5 inch
N 6246. . .	6d	6d.	6d each
N 6246A. In and outside .	1/-	1/	1/- ,,

BRIGHT COMPASSES.

	6	7	8 inch
N 6247 ..	7½d	9½d.	1/- each

Black WING COMPASSES.

	6	7	8 inch
N 6248. ...	1/2	1/4	1/6 each
N 4134 —Bright wing with adjusting nut .	1/	1/2	1/4 ,

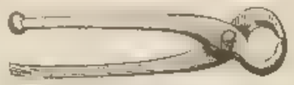
BENCH STOP.

N 6249 —3¼ × 1⅝ inch, 11d each

PLYERS.

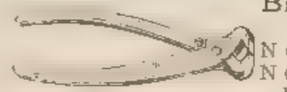
	5	6	7	8 inch.
N 6250 Bright, flat nose .	8d	10½d.	1/2	1/6 each
N 6251 Black bell	1/5	1/7	2/-	2/6 ,,
N 6252 Do, Best Lancashire	1/8	2/-	3/-	4/- ,

Black TOWER PINCERS.



	6	7	8	9 inch
N 6253. ...	9½d	1/-	1/3	1/6 each

Black CUTTING PINCERS.

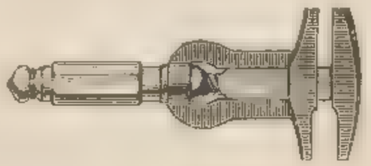


	6	7	8	9 inch
N 6254. ...	1/2	1/5	1/10	2/4 each
N 6255 Best Lancashire	1/6	1/9	2/-	2/8 ,,

STEELED COACH WRENCHES.

	8	10	12	14 inch
N 6256 Bright	2/3	3/3	4/-	— each
N 6257. Black, better	3/3	4/-	5/-	6/- ,,
N 6258 Best double strap, railway		7/3	8/6	10/6 ,,
N 6259 Wood handled, American	—	1/3		— ,,

STEEL DOUBLE JAW COACH OR AXLE CAP WRENCH.

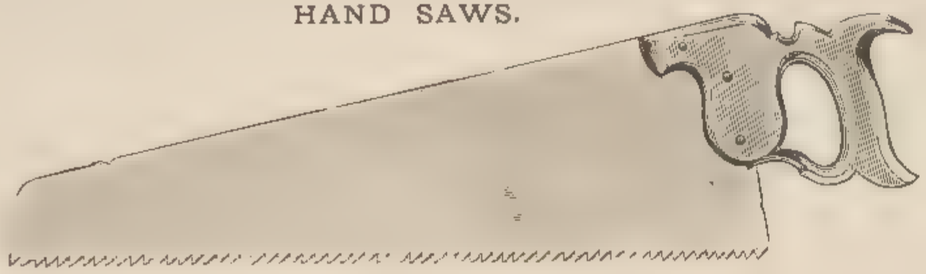


	10	12	14 inch
N 4135.	10/	12/	[illegible] each

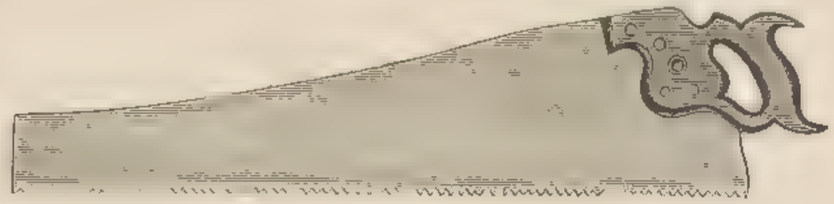
Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements

BEST WARRANTED SAWS.

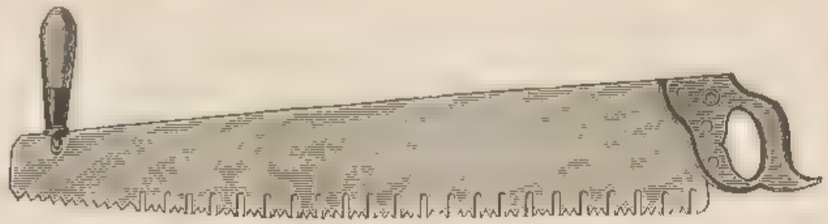
HAND SAWS.



	12	14	20	22	24	26	28 inch
N 6260 —German steel ...	1/7	2/-	2/9	3/2	3/6	3/8	— each
N 6261 —Cast ,, ...	—	—	-	—	4/	4/3	,,
N 6263 ,, ,, London spring	—		—			5/-	,,
N 6264 ,, ,, panel...	—	.	—	3/8	–	4/3	,,
N 6266 ,, , London spring panel ...		—			–	5/-	,,
N 6267 ,, , ripping							,,
N 6268 ,, London, spring ripping ...	-		—	—	—		5/6 ,,



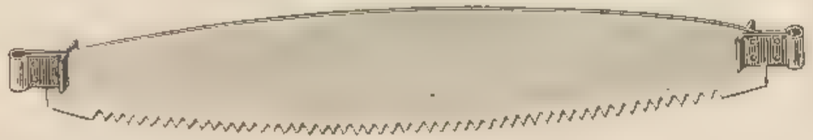
N 4140 —Extra cast steel, hand 26 inch ... ... 5/- each
N 4141 — ,, ,, ripping 28 . . . 5/6 ,,



	3	3½	4	5 feet
N 4142 —Cast steel, one man, cross cut	6/3	6/9	7/3	9/9 each

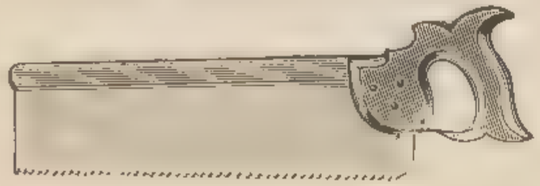
Extra loose adjustable handles, 7d each

CROSS CUT SAWS, GULLETT OR PEG TOOTH.



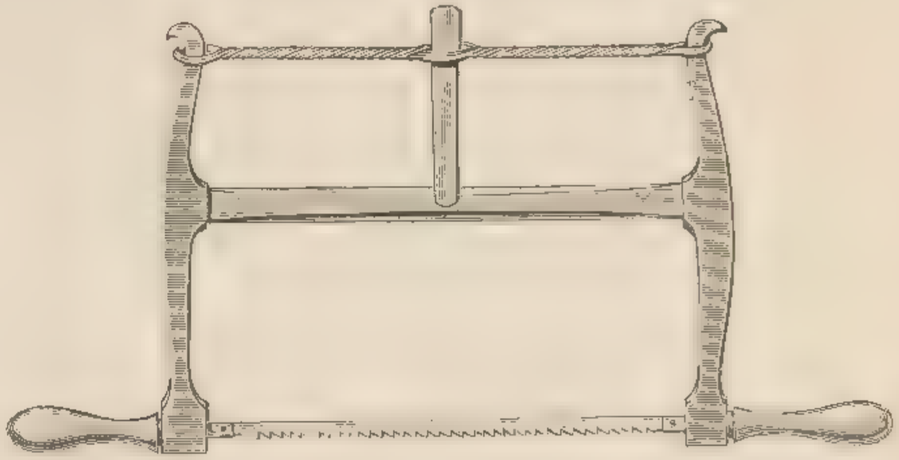
	4	4½	5	5½	6 feet
N 6281 Cast steel ..	7	8/-	9/9	10/3	11/9 each.

TENON SAWS.

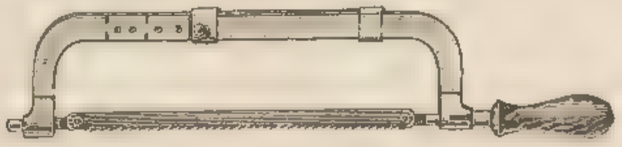


		8	10	12	14 inch
N 4143	Cast steel, iron back	3/-	3/-	3/3	3/6 each
N 6272	Best do , do	3/3	3/3	3/6	3/9 ,,
N 4144	Cast steel, brass back	3/6	3/6	4/-	4/6 ,,
N 6274	Best do , do	4/	4/-	4/6	5/- ,,

TURNING SAWS AND FRAMES.



	10	12	14	16 inch
N 6280	3/-	3/4	3/8	4/3 each

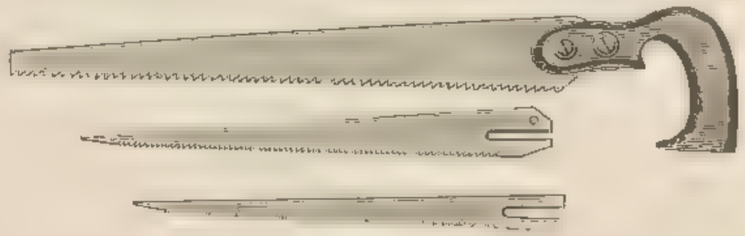


HACK SAW FRAME.

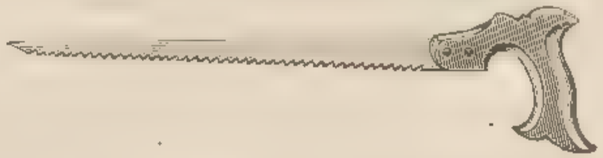
N 4145 ... . 4/6 each

	6	7	8	9	10	11	12 inch
Blades for ditto	2½d.	3d	3d.	3½d	4d.	4½d	5d. each.

INTERCHANGEABLE SAWS.



N 4146 –Consisting of one handle, and one each compass, pruning and key hole blades .. 3/- per set



COMPASS OR LOCK SAWS.

N 6276 Cast steel

10	12	14	16	18	20 inch
1/2	1/3	1/4	1/5	1/6	1/8 each

SAW PADS.

N 6174 Beechwood 11d each
N 6175 Ebony ... ... 1/8 ,,

KEYHOLE SAWS.

N 6277 –Cast steel ... ... 3d each

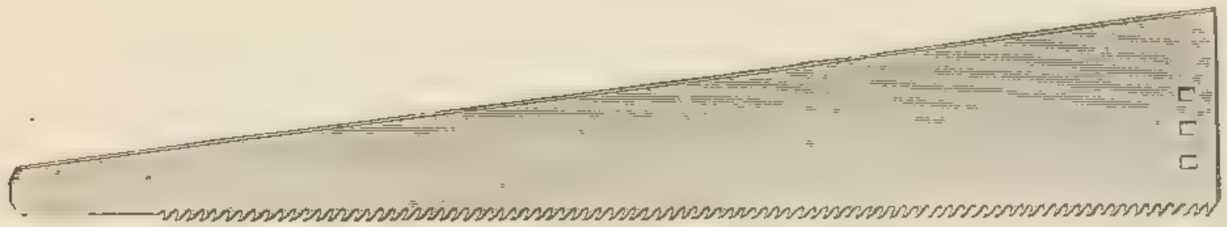
Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST WARRANTED JOINERS' TOOLS.

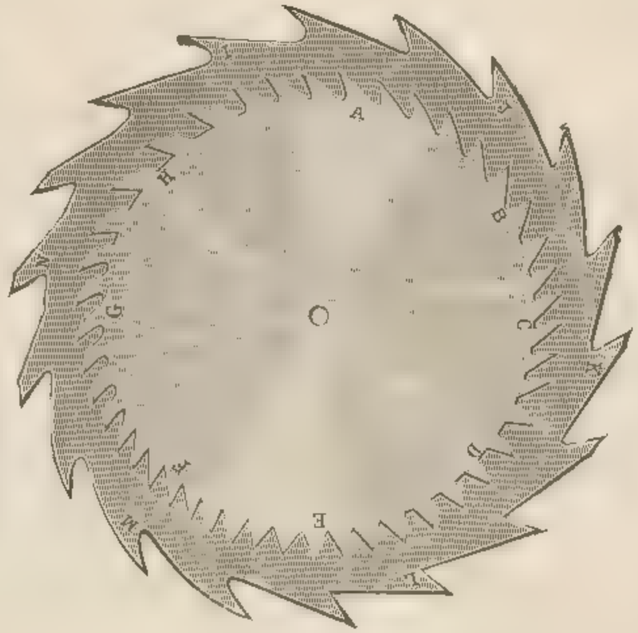
STONE SAWS.

	6	6½	7 feet × 10 inch belly
N 6282. Cast steel	16/-	17/8	19/3 each

PIT SAWS.



		$\frac{5}{8}$ $\frac{11}{16}$ $\frac{3}{4}$ inch space.
N 6283.—6½ feet × 12 inch heel		15/- each
" 7 " 12 "		16/-

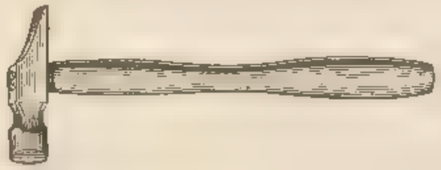


CIRCULAR SAWS.

N 6279 Cast Steel

	4	6	8	10	12	14	16	18	20	22	24	26 inch.
	2/6	3/9	5/-	7/-	8/6	9	11/-	13/6	16/3	19/	21/9	25/3 each
	28	30	32	34	36	38	40	42	44	46	48	inch
	29/9	34/3	39/8	47/	54	64/-	65/6	72/-	80/-	90/-	100/-	each

Quotations for larger saws and instructions for ordering will be sent on application



EXETER PATTERN HAMMERS.

Size Nos	0	1	2	3	4	6	8	10	12
N 6287 ...	7½d.	8d.	9d.	10½d.	1/-	1/3	1/6	1/10	2/2 each.

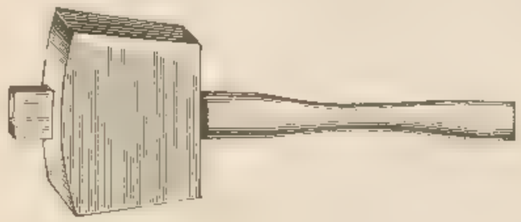
WARRINGTON PATTERN HAMMERS.

Size Nos	0	1	2	3	4	5	6	7	8	9	10
N 6288 - Solid cast steel	8½d.	9d.	10d	11d	1/-	1/2	1/3	1/5	1/8	2/8	3/2 each
N 6289 —Heads only	7d	7½d	8½d	9½d.	10½d	1/-	1/1½	1/3½	1/6½		"

CANTERBURY PATTERN HAMMERS.

Size Nos	1	2	4	6	8	10
N 6290 —Black ...	1/-	1/2	1/6	2/-	2/6	3/- each

CARPENTERS' MALLETS.



	4	4½	5	5½	6 inch.
N 6286.—Beechwood, square morticed	11d.	1/-	1/2	1/3	1/4 each.
		1	2	3	
N 4150 —Iron bound		1/3	1/6	2/- each	

BRADAWL HANDLES.

N 6312.—Round polished, beechwood, with brass ferrules, assorted } 9d dozen

N 6313.—Oval ditto, ditto ... 1/- "

CHISEL HANDLES.

N 6315. Round polished ash, with brass ferrules, assorted } 1/3 dozen.

N 6316.—Ditto box ditto ... ... 2/ "

N 6317 —Octagon, polished, beech, with brass ferrules, assorted } 1/9 dozen

N 6318 —Ditto box, ditto 2/6 "

FILE HANDLES.

N 6314 With gun barrel ferrules, assorted " " } 9d dozen

CHALK LINE REELS.

N 6308 Beechwood ... ... 2d each

N 6309.— " ... .. 2d. "

CHALK LINES.

	60	90 feet
N 6310 —Cotton	2½d	— each
N 6311 -Hard brown .. .	2d.	3d. "

LONDON PATTERN TURNSCREW HANDLES.

N 6319.—Polished beech, with brass ferrules, slit and bored.

3	4	5	6	7	8 inch
2d	2½d.	3d.	3½d	4d	4½d each

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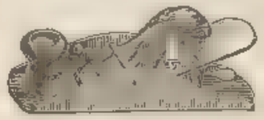
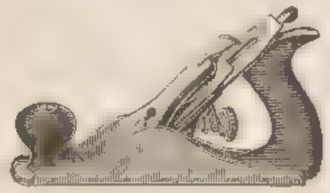
IRON AND WOOD PLANES AND SPOKESHAVES.

N 4156 Iron Bull Nose Rebate Plane, 1 inch, 1/3 each.

N 4157.—Iron Block Plane, adjustable, 1¼ inch 1/ each.
N 4158 Ditto, without adjustment 1/ each

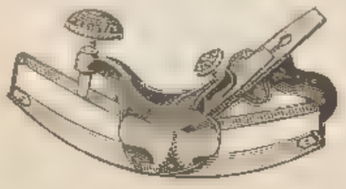


N 4159.—Iron Block Plane, adjustable, 1¼ inch, 2/- each
N 4160 Ditto, without adjustment, 1/6 each



N 4161 Iron Smoothing Plane 2 inch, 7/6 each.

N 4162. Iron Jack Plane, 14 × 2 inch, 8/6 each.
N 4163. Ditto Trying do., 22 × 2⅜ inch, 13/ ,,



N 4164 Flexible Steel Plane, adjustable for circular, hollow or smooth at any sweep, 9/- each

N 4165 —Iron Shoulder Plane, with patent adjustment 8 × 1½ inch, 12/9 each
N 4166 Ditto, without adjustment, 10/6 each.

N 4167 —Iron Duplex Rebate Plane and Fillister, 8½ × 1½ inch, 5/- each.

By removing the arm to which the fence is secured, a Handled Rebate Plane is had, and with two seats for the cutter, so that the tool can be used as a Nose Rebate if required.

The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand Fillister with adjustable spur and depth gauge.

N 4168 —Iron Smoothing Plane, walnut, fitted with C S parallel iron.

2	2⅛	2¼ inch.
12/6	13/6	14/9 each

N 4169.—London pattern iron Smoothing Plane rosewood fitted, 2¼ inch, 23/9 each

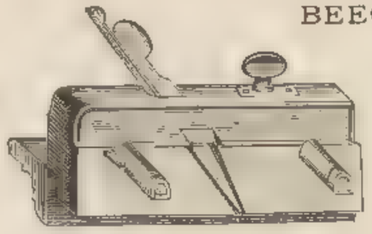
N 4170 Ditto, ditto, gun metal ditto, ebony fitted, 2¼ inch, 26/3 each

N 4171.—Iron, without handle, 2¼ inch, 21/ each.
N 4172 —Gun metal, ditto, 23/9 each.

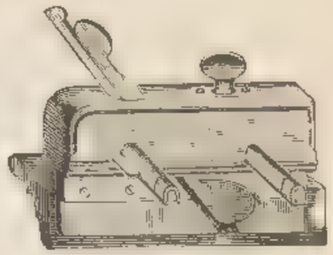
N 4173.—Iron Spokeshave, double iron, raised handle, 10 × 2⅛ inch, 9½d. each.

N 4174 —Iron Spokeshave, double iron hollow face, 10 × 2⅛ inch, 8d each

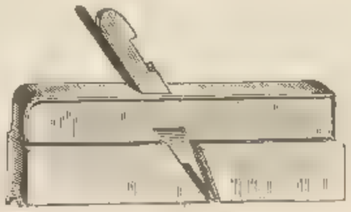
BEECHWOOD.



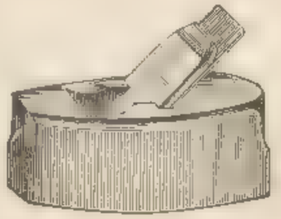
N 6299 —Sash Fillister double hooped 12/6 each
N 6300 ,, ,, left hand, wedge tooth, and shoulder boxed .. } 15/3 ,,
N 6301 —Moving Fillister, shoulder boxed and slip top .. .. } 7/3 ,,



N 6296 —Plough, with eight best bits, double brass hooped, best brass stop . ... } 18 each
N 6297 —Ditto, ditto, ditto, improved stop, skate end } 20/-



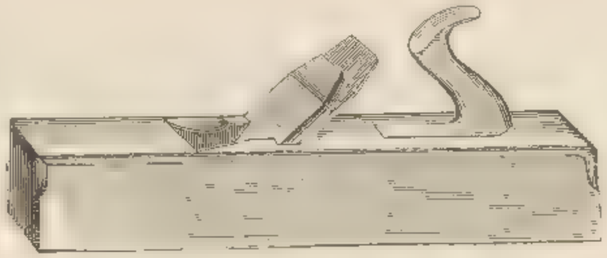
N 6294.—Bead ... ⅛ to ⅝ 2/6 ¾ 2/8 ⅞ 2/10 1 inch. 3/-each



N 6291 Smoothing, with double iron.

1½ to 2	2⅛	2¼	2½ inch.
3/4	3/8	3/10	4/9 each

N 4175. Compass smoothing, ditto, 2 inch, 3/10 each.



N 6302 Jack, with double iron, 17 × 2¼ inch 4/9 each

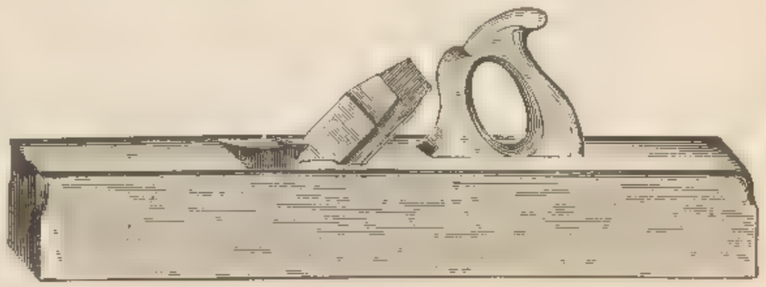
N 6292. Square Rebate

1	1¼	1½ inch.
2/3	2/4	2/6 each.

N 6293 —Skew rebate, same price

N 6306 each
Iron Chariot, 1⅛ in , 7/6
N 6307
Gun-metal ditto, 8/6

N 6304
Iron Bull Nose, 1in., 5/9
1¼ in , 7/- each
N 6305 Gun metal, 1in , 7/6 , 1¼in., 8/6 each



N 6303.—Trying with double iron, 22 × 2½ inch, 6/- each

Prices of Planes are for the best quality a cheaper make can be supplied

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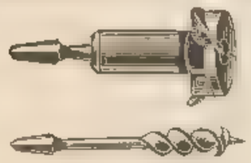
SUNDRY TOOLS.



IMPROVED HOLLOW AUGER.

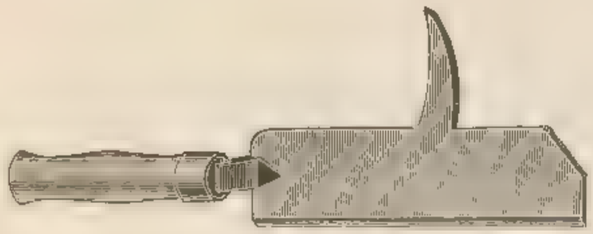
N 4180	5/8	3/4	7/8	1	1 1/8	1 1/4 inch.
	4/8	4/8	5/4	5/4	6/8	6/8 each.

(Including bits).

IMPROVED SPOKE TRIMMER.

N 4181 ... ... 2/9 each.

SLATER'S AXE.

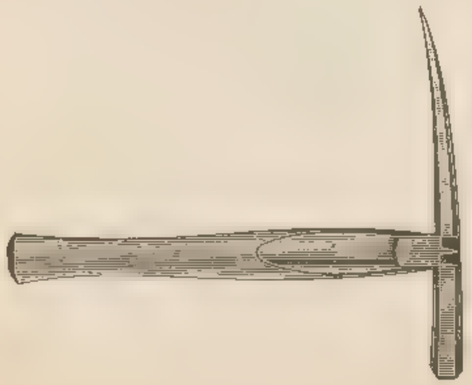


N 4182 –9 inch ... each

SLATER'S RIPPER.

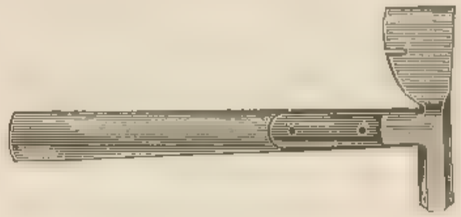
N 4183 30 inch ... . 3 6 each

SLATER'S HAMMER WITH CLAW.



N 4184 2/- each

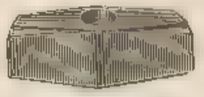
LATH HAMMER.



		1	2	3	4
N 4185	. ..	1/2	1/4	1,6	1/9 each

CAST STEEL BRICK HAMMER.

N 4186 ... ... 1/9 each

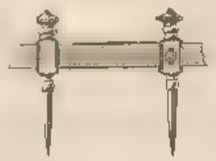


CAST STEEL STONE MASON'S HAND HAMMER.

N 4187 3 3½ 4 lb ... 11d per lb

CAST STEEL MASON'S WALL HAMMER.

N 4188 3 3½, 4 lb ... 11d per lb



BRASS TRAMMEL HEAD WITH PENCIL HOLDER.

	9/16 × 1/4	11/16 × 5/16	13/16 × 7/16 inch
N 4189	1/8	2/-	2/6 each

BRASS PLUMB BOB.

	1	2	3
	3½	4½	6 oz
N 4194 ...	... 10½	1/-	1 2 each

LEAD PLUMB BOB.

N 4195 1 lb. ... ... 8d each

BENCH OIL CAN, BRASS BOTTOM.

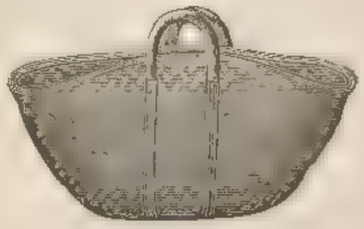
N 4196 .. .. 5d each

ENGINEERS' OIL CAN WITH COPPER SPOUT.

N 4197	1/4	1/2	3/4	1	1 1/2 pint
	10d.	1/	1/3	1,6	1 8 each

THE "EASY" BOLT CLIPPER.

	0	1	2	3
For ..	5/16	3/8	1/2	5/8 inch bolts
N 4198	14/-	18/-	25/-	32/ each



TOOL BASKET.

Canvas lined, with Pocket

	27	30	33	36 inch
N 4199	9/	11d	[illegible]	each

Extra strong do

	25	28	31 inch
N 4200	1 6	1 9	2 - each

LETTERS & FIGURES FOR GENERAL PURPOSES.

N 4190 LETTERS — Per set of 27

1/8 in	5/6
5/16 in . .	7,9
1/4 in	10
3/8 in	14 6
1/2 in	18
5/8 in	22

N 4191 FIGURES — Per set of 9

1/8 in	2/
3/16 in.	3/4
1/4 in ..	4/3
5/16 in.	5/6
3/8 in ..	7/3
1/2 in	9,9

Value of Steel included

CAST STEEL STAMPS FOR JOINERS, ENGINEERS, TINMEN AND OTHERS.

N 4192.

Per Letter		Per Letter	
1/16 in.	2d.	1/4 in . ..	5d
1/8 in	2½d	5/16 in . ..	6d
5/16 in	3½d.	3/8 in	7½d

Stocks or Steel and Forgings charged extra

BURN BRANDS, NAMES AND INITIALS, BEST WROUGHT IRON, WITH A LONG HANDLE TO EACH.

N 4193

Per Letter		Per Letter	
3/8 in	1/-	1 1/4 in ..	3 3
1/2 in . .	1,3	1 3/8 in ..	3 6
5/8 in	1/6	1 1/2 in . .	4/-
3/4 in	1/9	1 5/8 in .	4,6
7/8 in	2/-	1 3/4 in.	5/-
1 in.	2 6	1 7/8 in .. .	5 6
1 1/8 in	3/	2 in	6,

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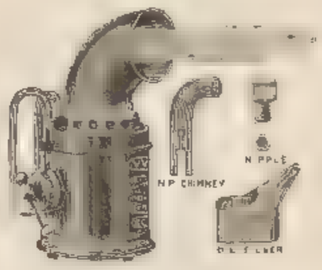
BLOW PIPES AND LAMPS.

PAQUELIN PAINT REMOVING AND PLUMBER'S LAMP.



N 4206

Can be used in any position. Gives 1800 degrees of heat. Cost to work 1½ for four hours. It only weighs 20 ozs. Use Benzoline only.

No. 1. Burns 1 hour	...	10/6 each.
„ 2 — „ 2 hours	..	13/6 „

Extra Nipples, 6d. each. Chimneys, 2/6 each.
Oil Fillers, fitted with Strainer, 10d each

ORDINARY BLOW PIPE.

N 4207.

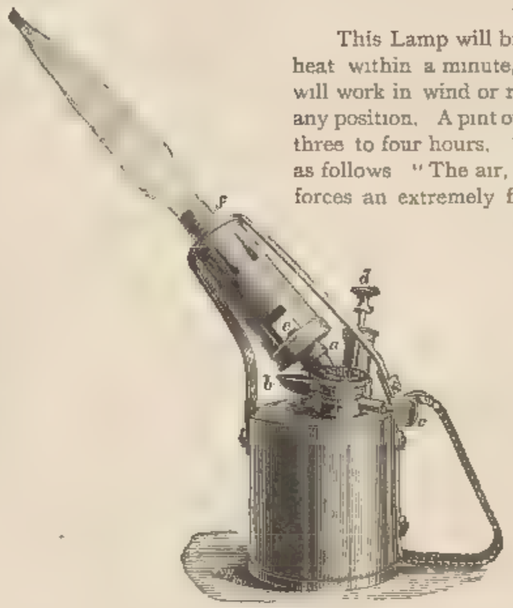
8	9	10 inch
6d.	6d	6d each

SPIRIT BLOW PIPE.

N 4208.—4/6 each complete.

This novel and useful article is extremely light and portable. The bottom part contains a supply of Naphtha or Methylated Spirit which soaks into a wick of cotton, the top of this wick projects and is ignited at the upper end.

THE "ÆTNA" PETROLEUM BLOW-LAMP.



N 3088.

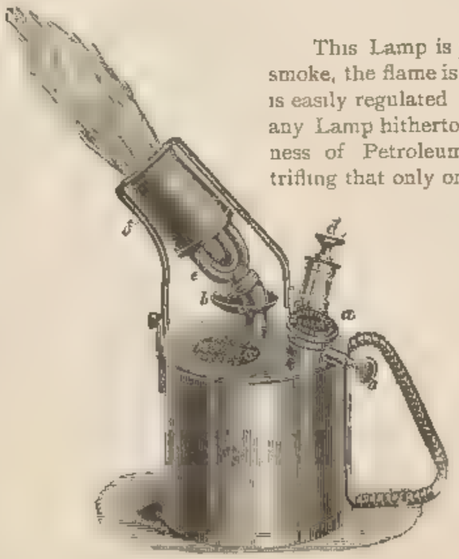
This Lamp will bring a copper rod to welding heat within a minute, is perfectly weather proof, will work in wind or rain, burns well and safely in any position. A pint of ordinary petroleum will last three to four hours. The principle of the Lamp is as follows: "The air, being pumped into the tank, forces an extremely fine jet of Petroleum to percolate the combustion tubes, igniting only in the form of gas on reaching the open mouthpiece. The gas cannot get into the oil-tank, explosion is therefore impossible." It is most useful for wiping on bottoms of cisterns &c. and large joints in awkward places, and for joining Electric wires, brazing Keys, &c.

No 1, Brass, to contain 2 pints, 15/- each.

No 2 Brass, to contain 1 pint, 13/- each.

The "Ætna" produces a hotter flame than any other Brazing Lamp hitherto invented.

THE "VESUVIUS" PETROLEUM LAMP, FOR PAINTERS, Etc.



N 3090

This Lamp is perfectly free from smell, soot and smoke, the flame is proof against draught or wind, and is easily regulated. In practice is less expensive than any Lamp hitherto known on account of the cheapness of Petroleum, and its consumption being so trifling that only one-third of a pint is used per hour under the hardest pressure. It burns without a wick, the burner heating the Petroleum by its own flame and converting it into Gas. Explosion is impossible, because gas cannot possibly get into the tank, the latter containing only oil in liquid form, and the air that is pumped into it.

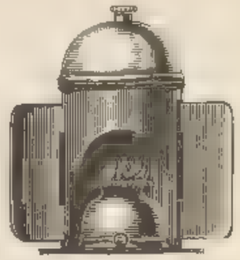
Gas is only developed in the Burner.

Every Lamp is tested under 45 lbs. pressure per square inch.

No 1, Brass, to contain 2 pints	...	15/- each
„ 2, „ „ 1 pint	...	13/ „

ORDINARY PAINT REMOVING LAMP,

FOR METHYLATED SPIRITS.



N 4209	No 3.		No 4
	5/-		6/- each

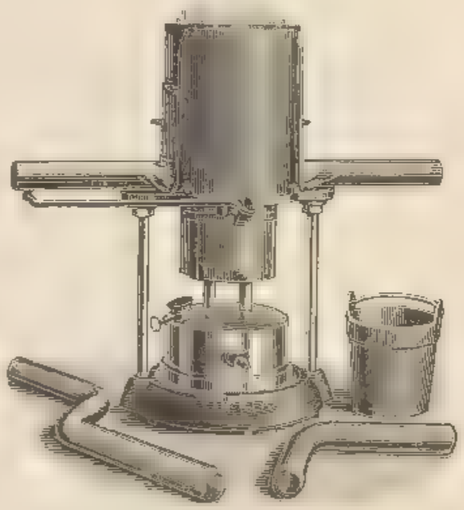
N 4210 Soldering Lamps without wings.

No 1	No 2	No 3
3/-	3/6	4/6 each.

Approximate Time of Burning

No 1	No 2	No 3.
¾	1	1¼ hours.

THE "HEKLA" PORTABLE FURNACE.



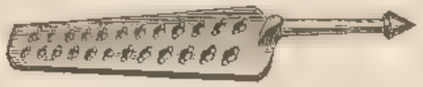
N 3092

This Furnace burns Petroleum Oil without wick, and is a very useful tool. Is free from smell, soot or smoke, economical in use, and has the advantage of being very portable. Is suitable for melting metals, heating soldering irons, bending iron pipes, tempering tools, &c., often taking the place of a Portable Forge.

No. 1.	No. 2.	No. 3.
One Burner,	Two Burners,	Three Burners.
36/-	42/-	49/6

ENGINEERS' AND SMITHS' TOOLS.

SCREW PLATES.



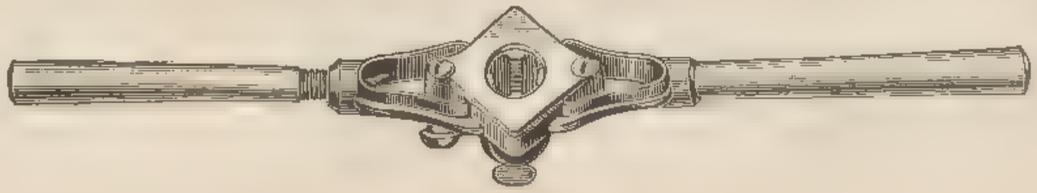
N 6330 —Black Notched Clock

8	9	10	12	14	16	18 sizes
4/4	5/-	5/8	7/6	9/10	12/2	14,6 each.

N 6332. Bright Notched, between watch and clock

8	10	12 sizes.
5/-	6/6	8/ each.

IMPROVED AMERICAN SCREWING STOCKS & SOLID DIES.



Price per set, with Dies only, no Taps

N 6335. For Iron Gas Tube, to screw	...	¼	⅜	½	¾	inch	..	20/
" " "	¼	⅜	½	¾	1	"	..	32/-
" " "	..	..	½	¾	1	"	..	24/
" " "	...	..	¾	1	1¼	"	...	29,-
" " "	..	.	1¼	1½	2	"	..	43/-

BURNER TAPS.

N 6339 -2/- each. N 6341. 5/- each.

N 4213. -Plain T Handle ... 1/4 each

ROUGH TAPS for STOVE SCREWS.

N 6342 Up to $\frac{5}{16}$ inch, 9d each

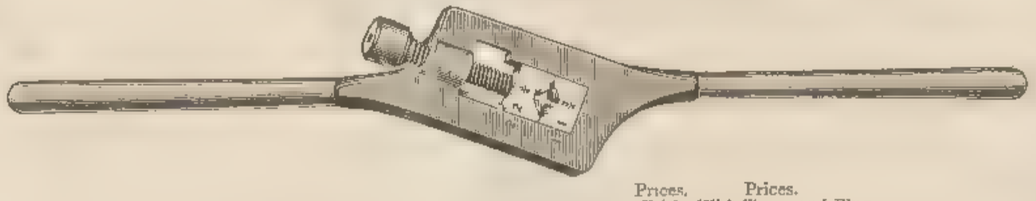
N 6343 $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ inch, 9d each

STOCKS & DIES FOR BRASS OR COPPER TUBE.

N 6333

					Prices. With Dies only.	Prices. With Taper and Plug Taps for each size.	
To screw	¼	⅜	1n	9		14/9	per set.
"	⅜	½	¾	"	9 3	14/9	"
"	¼	⅜	½	¾	9 0	16/9	"
"	¼	⅜	½	¾	12	21/3	"

WARRANTED STOCKS & DIES, ENGLISH MADE.



						Prices. With Dies only.	Prices. With Taper and Plug Taps for each size.	
N 6336 —For Iron Gas Tube, to screw	...	⅛	¼	⅜	inch	10/-	18/	These sizes in stock
" " "	..	½	¾	1	"	25/6	42/-	
" " "	...	1	1¼	1½	"	56/9	86/9	
" " "	...	⅛	¼	⅜	½	19/-	31/	These or any other combination of sizes supplied to order also sets without taps
" " "	.	¼	⅜	½	¾	1	"	37/6	60/-
" " "	½	¾	1	1¼	1½	"	72/	111/6
" " "	..	¾	1	1¼	1½	"	62/8	98/-
" " "	...	1	1¼	1½	2	"	69/4	123/6
N 6337 —SMITHS', to screw	...	..	..	¼	⅜	½	"	7/6	16/3	These sizes in stock.
" "	.	.	..	⅜	½	⅝	"	8/9	19/3
"				½	⅝	¾	"	10 6	23
" "	..	...	.	⅝	¾	1	"	18/-	33/9
" "	...	...	¼	⅜	½	⅝	"	10/6	23/6	These or any other combination of sizes supplied to order
" "	...	...	⅜	½	⅝	¾	"	12/6	28/
" "	...	...	½	⅝	¾	1	"	21/-	40/
" "	⅜	½	⅝	¾	⅞	1	"	24/6	52/3
N 6338. ENGINEERS', to screw	..	...	½	⅝	¾	"	19/9	37/6	These sizes in stock. Any other combinations of sizes supplied to order
"	"	...	⅞	1	1⅛	1¼	"	32/	73/9
"	"	...	1	1⅛	1¼	1½	"	49/9	99/-

BIT STOCK DRILL.

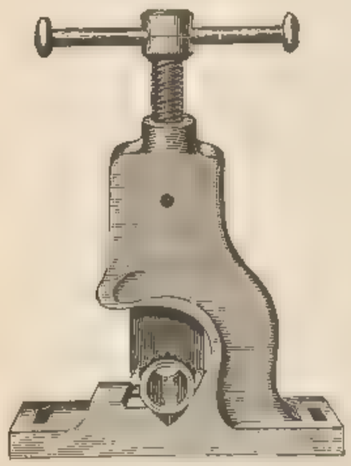
N 4214.	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$ inch.
	3½d.	5d	7d.	9½d.	1/-	1/4	1/8	2/- each.

N 4215. Ditto with Straight Shank for Chuck—
3d. 4d. 6d. 8½d 10½d 1 2 1/6 1/9 each

BIT STOCK TAPER RIMERS.

N 4216.	¼	$\frac{5}{16}$	⅜	$\frac{7}{16}$	½ inch
	2/6	2/9	2/9	3/-	3/- each

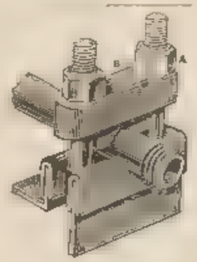
IMPROVED TUBE VICE.



N 6334

Size No. 1 takes ¼ to 1¼ inch	...	10/-	each.
" 2 " ¼ " 2 "	...	14/6	"
" 3 " ½ " 3 "	...	21/6	"

PORTABLE TUBE VICE.



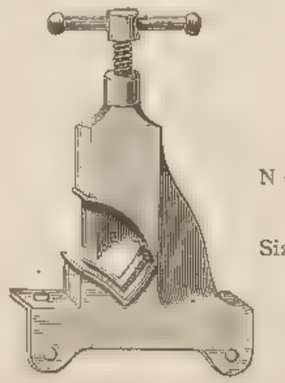
N 4217.

	No 1.	No 2
Will take ⅛ to 1⅛		½ to 3 in tube
Price ...	7/-	16,6 each

TAPER AND PLUG TAPS.

		¼	$\frac{5}{16}$	⅜	$\frac{7}{16}$	½	⅝	¾	⅞	1 inch
N 6344. Flat Head, Smiths', cut to point,	taper	1/6	1/9	2/-	2/3	2/6	3/	3 6	4/2	4 10 each
" " "	plug	1/2	1/3	1/5	1/6	1/7	1/9	2/-	2/3	2/8 "
N 6346. Engineers', either taper or plug	...	1/8	1/8	2/-	2/2	2/6	3/4	4/-	4/8	5/4 "
		⅛	¼	⅜	½	⅝	¾	1	1¼	1½ inch
N 6347. For Iron Gas Tubes, either taper or plug		1/2	1/6	1/11	2/3	2/8	3/-	4/2	5/6	7/- each
N 6348 —For Brass, either taper or plug	...		9d.	10½d.	1/-	1/2			—	"

LIGHT TUBE VICE.



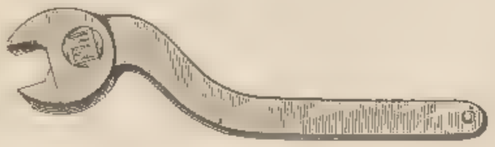
N 6349. Size No. 1, takes ⅛ to 1 inch, 7/ each.

Size No. 2, takes ¼ to 2 inch 14/- each.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

ENGINEERS' TOOLS.

CLYBURN SPANNER.



N 6360

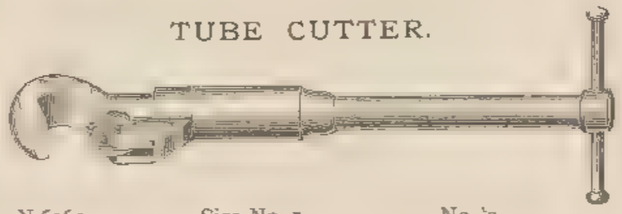
	10	12	15	18	21	24 inch.
To span	1	1¼	1½	1¾	2	2¼ ,,
	5/	6/4	7/9	9/6	11/	14/- each.

WEDGE SPANNER.

N 4220

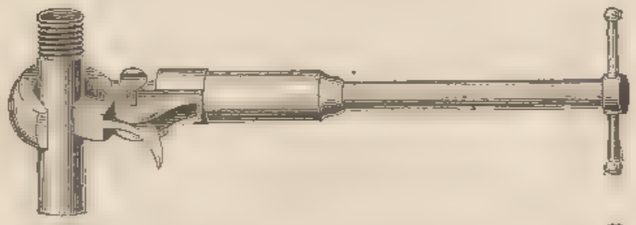
12	15	18	24 inch.
1/2	1/6	2/6	5/6 each

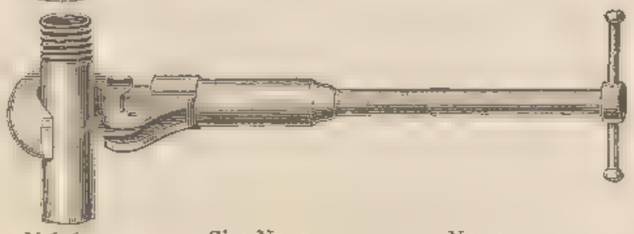
TUBE CUTTER.



N 6361	Size No 1.	No 2
	To cut ¼ to 1 inch	1¼ to 2 inch
	9/3	13/- each
	To cut ¼ to 1 inch.	1 to 2 inch
N 6362 3 wheel	13/-	20/-

COMBINED PIPE WRENCH AND TUBE CUTTER.



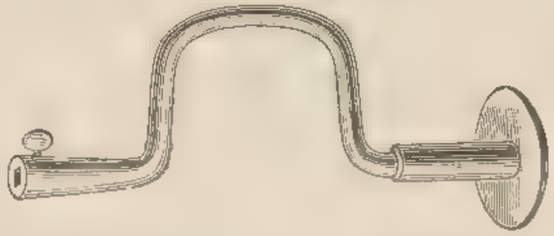


N 6363	Size No 1.	No 2
	To cut ¼ to 1 inch,	1¼ to 2 inch,
	11/-	17/9 each.

EXTRA WHEELS FOR TUBE CUTTERS

N 6364.	For Size No 1.	No. 2	No 3
	9d	1/	1/5 each.

FITTERS' IRON BRACE.

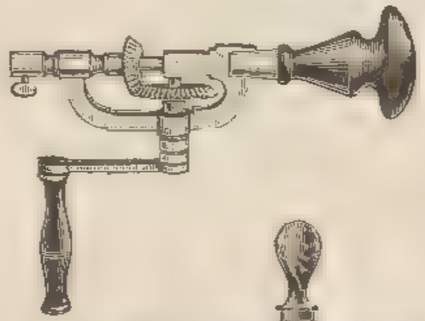


N 6365.—Bright . .. 3/6 each.

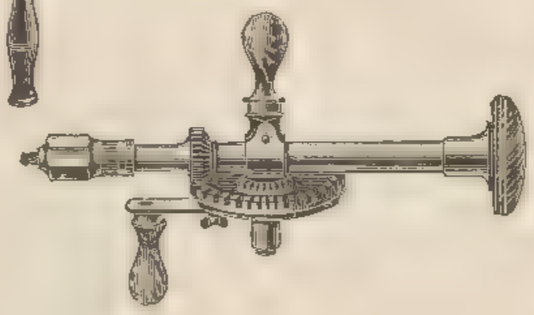
ARCHIMEDEAN DRILL, complete with Bits.

N 4221.	6	8	10	12 inch.
	1/8	1/10	2/-	2/3 each

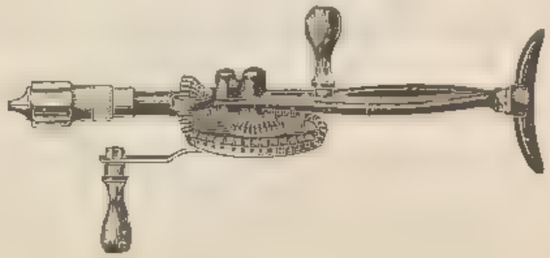
BREAST DRILLS.



N 6366. Wood Head and Handle, without Drills, 6/- each.



N 4222 Patent 2 speed, with ball bearing, Wood Head and Handle, 2 pair Jaws, and 6 Drills ... 10/- each.
N 4223 Do do, Nickel plated ... 11/6 ,,



N 4224 2-speed, with Wood Handles, and Ball Bearings, 2 pair Jaws, without Drills ... 9/6 each

GAS PLYERS.

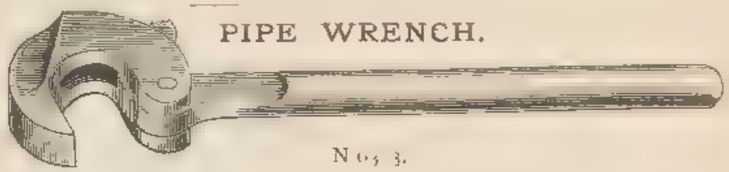
				6	8	10	12 inch
N 6368	2 hole	...	..	...	10d	1/3	1/9 — each
N 6369.	3 hole	..	.	..	—	2/-	2/9 3/6 ,,
N 6370 —	Burner Plyer, 2-hole with Wire Cutter, Turnscrew and Tomkin .. .					6	9 inch
						1/8	2/9 each
N 6371.	Ditto, with Flat Nose, Wire Cutters, and Turnscrew					5½ inch, 10d each.	

GAS TONGS.

N 6372.—To take	½	¾	1	1¼	1½ inch.
	1/9	2/1	2/5	2/11	3/6 each.

N 4225.—Blacksmith's Tongs, 20 inch, 1/6 each.

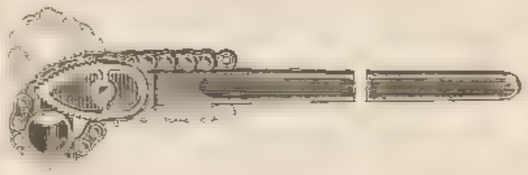
PIPE WRENCH.



N 6, 3.

Size ... No	1	2	3	4	6
To take	⅛ to ½ inch.	¼ to 1 inch.	½ to 1¼ inch	1 to 2 inch.	1½ to 3 inch
	3/	4/6	6/-	8/-	15/- each

CHAIN PIPE WRENCH.

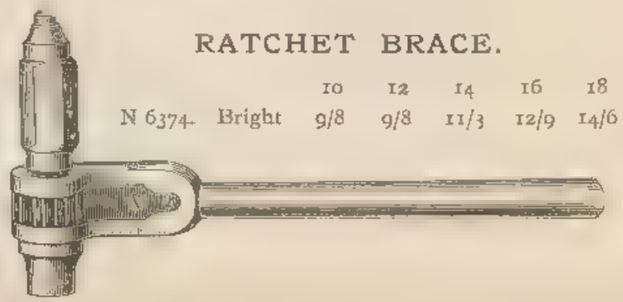


N 4266.	No	0	1	2	3	4	5
	To take	⅛ to ¾.	⅛ to 1½	¼ to 2½.	¾ to 4	1½ to 8.	2 to 12 inch
		8,6	11/6	18 6	25/6	37/-	60/- each.

MACHINE-MADE PIPE WRENCH OR TONGS.

N 4227.	5¾	9	12	16 inch
To take	1/16 to 1½.	⅛ to 2½.	¼ to 3	½ to 3¾ ,,
	11d	2/3	3/6	6/8 each.

RATCHET BRACE.



		10	12	14	16	18 inch
N 6374.	Bright	9/8	9/8	11/3	12/9	14/6 each

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

FILES AND RASPS.

FLAT, HALF ROUND, SQUARE and ROUND FILES, FLAT AND HALF ROUND RASPS & FLOATS.

Rough and bastard

To 4 inch	..	2/7 dozen.
5 ,,	...	3/2 ,,
6 ,,	..	3/10 ,,
7 ,,	..	4/3 .
8 ,,	..	5/3 .
10 ,,	..	7/6 ..
12 ,,	.	10/9
14 ,,	. .	15/- .
15 ,,	. .	18/-
16 ,,	..	21/6
18 ,,	...	30/

HORSE RASPS.

Machine cut.

¼ or ½ File.

14 inch	...	13/2 dozen.
15 ,,	..	15/9 ,,
16 ,,	...	18/10 ,,

Single bevelled, 1/- dozen extra

Double ,, 1/9 ,, .

MASONS' RASPS.

10 × 1 × ¼ inch . 6/3 dozen

BREAD RASPS.

18 9 dozen

SECOND CUT HALF-ROUND RASPS.

5 inch	...	3/8 dozen
6 ,,	..	4/6 ,,
7 ,,		4/10 .
8 ,,	...	6/- ,,
10 ,,	.	8/6 ,,
12 ,,	..	12/- ,,
14 ,,	.	16/6 ,,
15 ,,	...	19 6
16 ,,	..	23/6 .

MILL SAW FILES.

Single Cut

With 2 round edges

6 inch	...	5/- dozen
7 ,,		6/2 .
8 ,,	. .	7/4 .
9 ,,	.	8/9 .
10 ,,	...	10/8 ,,
12 ,,	..	14/8 ,,

REAPER FILES.

Double cut and plain, bevelled edge, knife shape, tanged or self handle

8 inch ... 51/8 gross. 4/6 doz.

8 ,, best 65/- ,, 5/8 ,,

Wood handled, knife shape—

8 inch ... 59/ gross. 5/2 doz.

MIDDLE CUT FLAT FLOATS.

6 inch	.	3/10 dozen
9 ,,	...	6/- ,,
12 ,,	...	10/9 ,,

RIFFLER FILES.

8 inch	...	6/9 dozen
10 ,,	...	10/- ,,
12 ,,	...	13 6 ,,

TAPER SAW FILES.

Single Cut

3½ inch	...	2/2 dozen.
4 ,,	...	2/5 ,,
4½ ,,	...	2/8 ,,
5 ,,	. .	3/- ,,
5½ ,,	...	3/6 ,,
6 ,,	...	4/- ,,
7 ,,	..	5/2 ,,
8 ,,	...	6/6 ,,
9 ,,	...	8/4 ,,
10 ,,	...	10/6 ,,

SMOOTH AND CABINET FILES AND RASPS.

To 4 inch	...	3/8 dozen.
5 ,,	...	4/6 ,,
6 ,,	..	5/3 ,,
7 ,,	...	5/9 ,,
8 ,,	. .	6/9 ,,
10 ,,	...	9/6 ,,
12 ,,	...	13/3 ,,
14 ,,	...	18/ ,,
16 ,,	...	26/ ,,

HAND SMOOTH FILES.

4 inch	..	4/2 dozen.
5 ,,	...	5/- ,,
6 ,,	.	6/4 ,,
7 ,,	..	6/9 ,,
8 ,,	. .	7/9 ,,
10 ,,	...	11/6 ,,
12 ,,	...	15/- ,,
14 ,,	..	21/- ,,

HAND, ROUGH AND BASTARD; ALSO 3-SQUARE BASTARD.

To 4 inch	...	2/11 dozen.
5 ,,	...	3 5 .
6 ,,	...	4/8 ,,
7 ,,	...	5 3 ..
8 ,,	...	6/
10 ,,	...	9/ ,,
12 ,,	...	12/6 ,,
14 ,,	...	18/- ,,
15 ,,	...	21/6 ..
16 ,,	...	25/- .

STUBS' SAW FILES.

Taper or blunt.			Frame.			Gulletting		
3 inch	...	2/9 dozen.	3 inch	...	3/6 dozen	4 inch	..	4/3 dozen
3½ ,,	. .	3/- ,,	3½ ,,	...	3/6 .	4½ ,,	...	4/9
4 ,,	..	3/6 ,,	4 ,,	...	3/6 ,,	5 ,,	...	5/3 ,
4½ ,,	...	3/10 ,,	4½ ,,	..	4/- ,,	5½ ,,	. .	5/9 ,,
5 ,,	...	4/6 ,,	5 ,	..	4/6 ,,	6 ,,	...	6/3 .
5½ ,,	...	5/ ,,	5½ ,,	...	5/- ,,	7 ,,	...	7/9 ,,
6 ,,	...	5/6 ,,	6 ,,	...	5/6 .			
7 ,,	...	7/- ,,	7 ,,	...	7/- ,,			
8 ,,	...	10/- ,,	8 ,,	...	10/- ,,			
9 ,,	...	12/- ,,						
10 ,,	...	14/- ,,						

WARDING FILES.

Assorted, 3/5 dozen

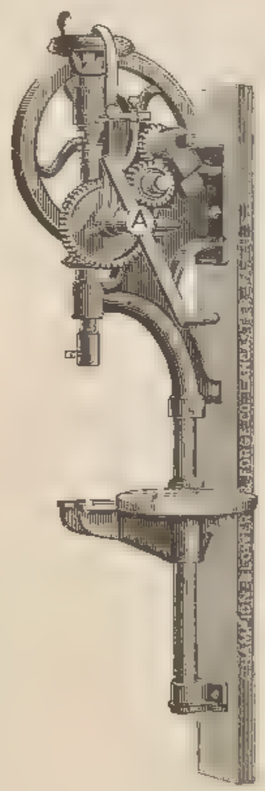
If ordered in less quantity than ½ dozen of a size 10 per cent. extra will be charged.

DRILLING MACHINES.

The Machines shown in the following Illustrations are introduced to supply a long-felt want for a cheap and strong Machine suitable for Smiths, Country Ironmongers, &c. Each Machine is fixed to a strong plank, and in cases where out-door work is undertaken, the Machine can be taken to the job and fixed or tied to the nearest wall or post. All Machines are fitted with self acting Feed, which can be regulated according to the metal or other work to be drilled.

Special attention is drawn to the 1893 Machine, which is made for drilling holes to 1¼-inch diameter and will drill the centre of a 15 inch circle This Machine is fitted with two speeds to suit the size hole being drilled.

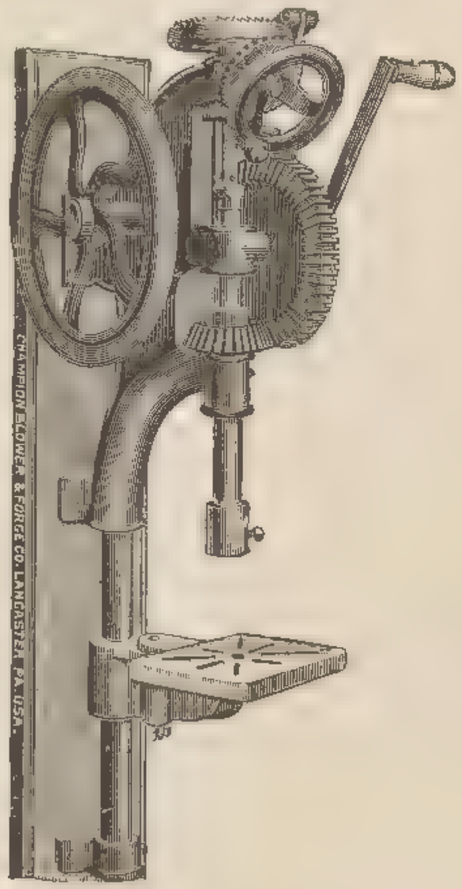
No. 3 DRILLING MACHINE.



Drills to centre of 14 inch circle.
Will Drill ⅝ inch hole.

For hand	...	..	..	£1 17	6
For power	...	...	..	2 7	6

THE CHAMPION, No. 4½ UPRIGHT SELF-FEED DRILL.

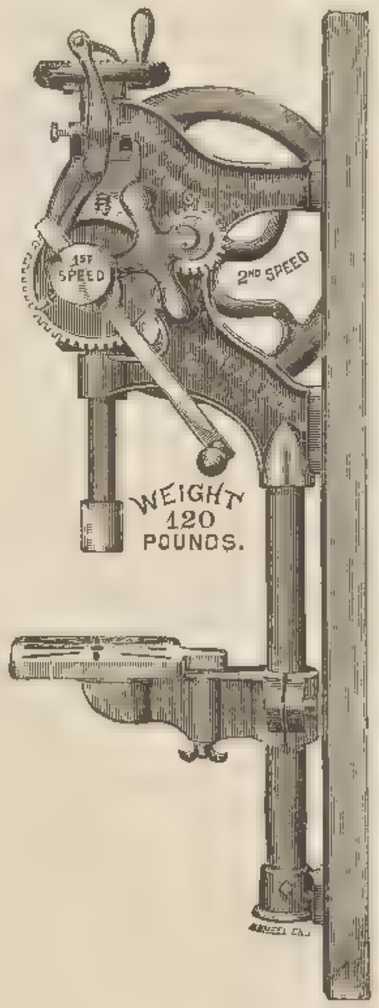


Drills to centre of 18 inch circle
Will drill 1⅛ inch hole

With patent quick return attachment

For hand	.	...	.	£4 15	0
For power	.	...	..	5 10	0

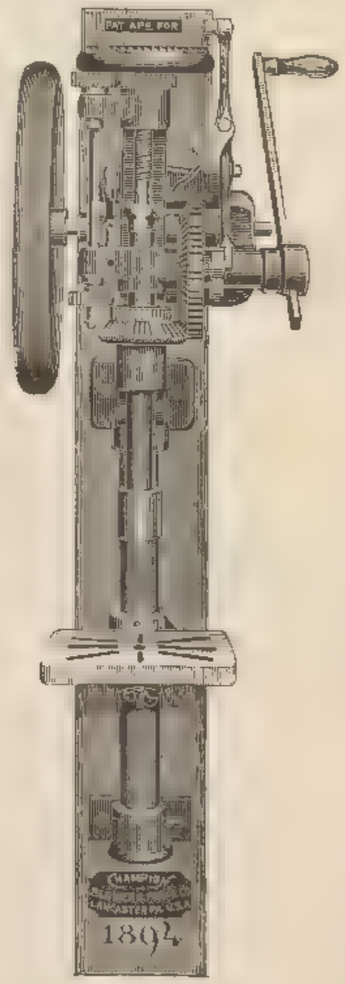
1893 PATTERN DRILLING MACHINE.



Drills to centre of 15 inch circle.
Will Drill 1¼ inch hole.

For hand	...	.	.	£2 5	0
For power		..	..	2 15	0

1894 PATTERN DRILLING MACHINE.

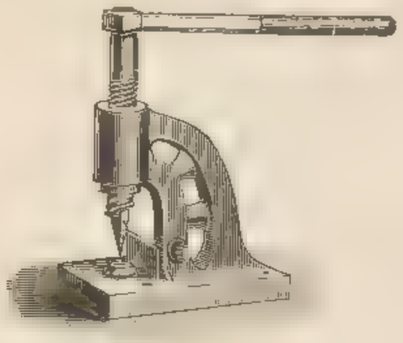


Drills to centre of 15½ inch circle
The Wonder of the 19th century
Will Drill 1¼ inch hole.

With patent quick return attachment

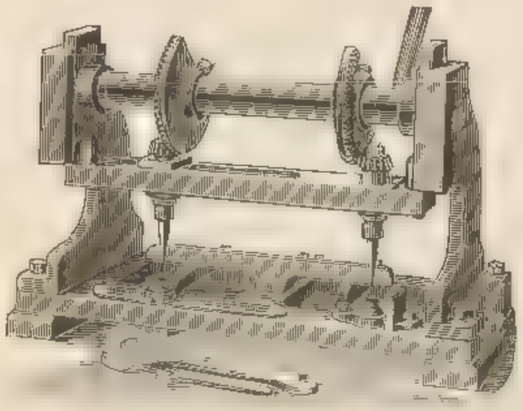
For hand only	...	..	...	£2 10	0

SINGLE SLATE HOLING MACHINE.



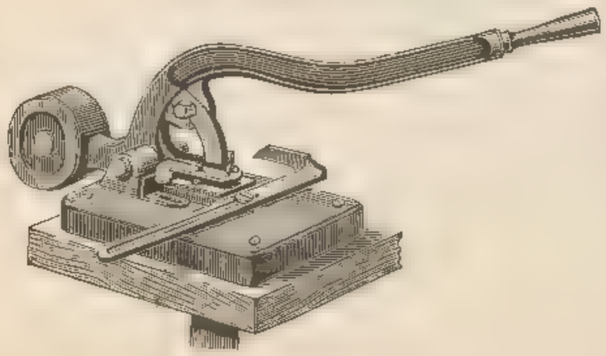
N 4236. £1 10 0 each.

DOUBLE SLATE HOLING MACHINE.



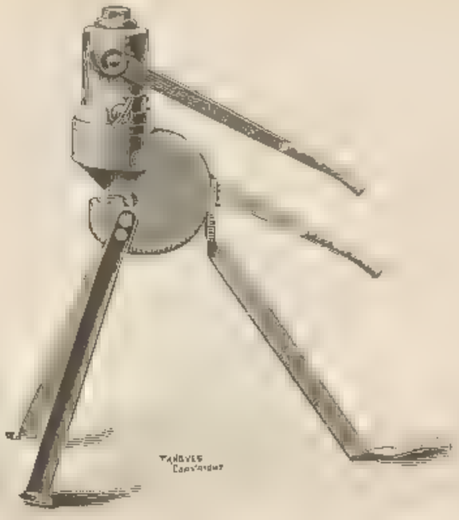
N 4237 .. £6 0 0 each

VENETIAN BLIND PUNCHING MACHINE.



N 4238 —Will punch hole 1 × ⅝ inch ... £1 10 0 each.

HYDRAULIC PUNCHING BEAR.



T 4239

Open mouth, wrought iron body mounted on three wrought iron legs, steel ram, cistern with wrought iron bottom, gun-metal pump and wrought iron plunger, wrought iron hand levers with one stamped steel pump wrench and one round steel punch and die.

If Nos 2 and 2A are to be used with punches and dies smaller than $\frac{5}{16}$ in., or Nos 3 and 4 with smaller than $\frac{11}{16}$ in, holders will be required at 5/- per pair Bears are not supplied to punch holes of a diameter smaller than the thickness of the plate to be punched, because of the excessive strain on the punch. Instructions for using these bears are given on application.

Size No	1	1A	2	2A	3	4
*To punch holes diameter ... ins.	$\frac{3}{4}$	$\frac{13}{16}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
*Through iron plates thick ... ,,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
From back of gap to centre of punch ,,	$1\frac{3}{4}$	$1\frac{3}{4}$	2	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Approx. weight ... ... lbs	79	102	130	206	360	502
Prices	150/-	164/-	196/-	296/-	420/-	640/-

* These are given, as stated, for IRON PLATES. If it is required to punch similar holes through plates of harder material, a larger size bear must be used

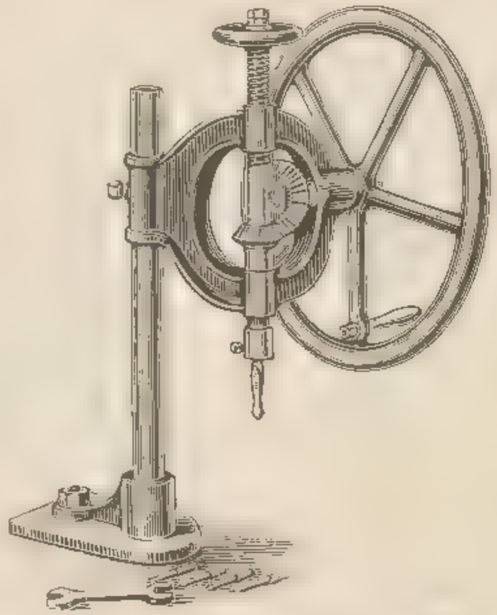
STEEL PUNCHES AND DIES

To punch holes . ins	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Through iron plates, thick ,,	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$
Round ... Price per pair.	4/-	5	5/6	6/-	6/6	7/-	8/-	10/
Oval ... ... ,, ,,	8/-	10/-	11/	12/-	13/-	14/-	16/-	20/-
Square .. ,, ,,	8/-	10/-	11/-	12/-	13/	14/-	16/-	20/-

A pair means one punch and one die. Intermediate sizes are charged at the price of the next larger size

N 4240 **WHEEL PLATE, Flat or Dished.**

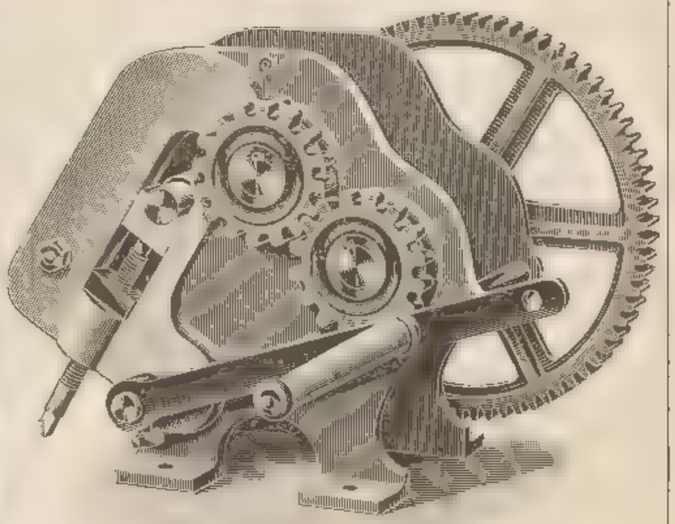
RADIAL PILLAR DRILLING MACHINE.



N 6367 £12 0 each

Height, 1 foot 6 inches, drills holes up to ½ inch diameter, and in centre of 9 inches, depth of feed, 2½ inches.

TYRE BENDING MACHINE.



N 6310.

B size ... £4 0 0

To take bars up to 6 inches wide × ⅝ in thick.

C size . £7 0 0

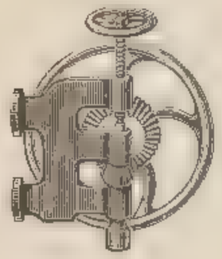
To take bars up to 8 inches wide × 1 in thick

The top roller can be removed without delay by simply drawing it sideways out of its bearings

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

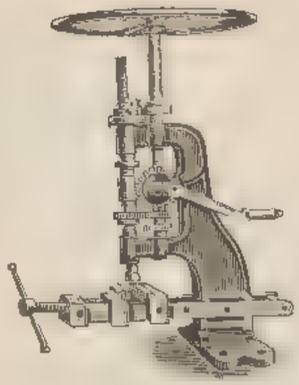
DRILLING MACHINES, FORGES AND BELLOWS.

DRILLING MACHINES.



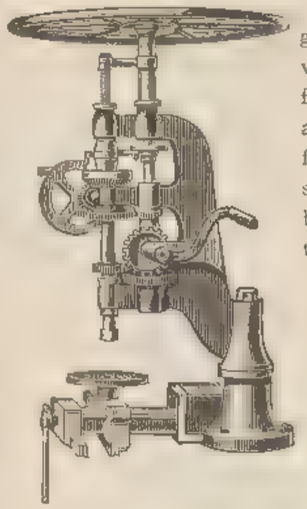
N 6390.

Wall Drilling Machine, single speed, hand feed motion
Fly wheel 23½ in. diameter
Drills up to ⅝ in diameter
Distance from centre of spindle to wall 8 in
Price £1 13s



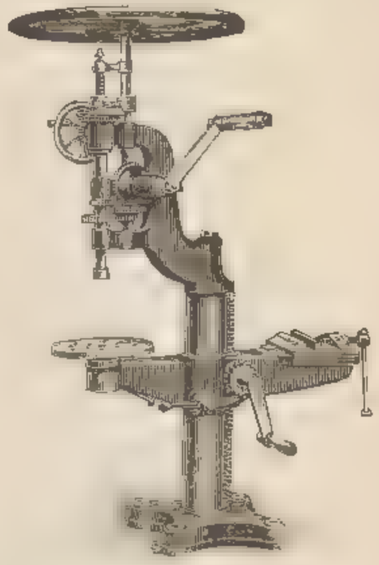
N 3030

Bench Drilling Machine, double geared, sliding parallel vice, with steel jaws, to fit frame at two different heights, self feeding motion.
Diameter of spindle 1 in.
Diameter of fly wheel 2 ft 4 in.
Drills up to 1 in diameter
Height 3 ft. 3 in. to top of wheel
Gap from centre of Drill 7½ in
Approximate weight 1¼ cwt.
Price £4 4s



N 4244

Bench Drilling Machine, double geared, reversible sliding parallel vice with steel jaws and table, to fit frame at two different heights, self acting feed motion, with fly wheel for quick raising and lowering spindle. The top of machine can be swung round by loosening nut on top of pillar.
Diameter of spindle 1 1/16 in
Diameter of fly wheel 2 ft 7½ in
Drills up to 1 in diameter
Diameter of face plate 11½ in
Height 3 ft 10 in to top of wheel
Gap to centre of drill 12⅝ in
Approximate weight 2¼ cwt
Price £5 10s

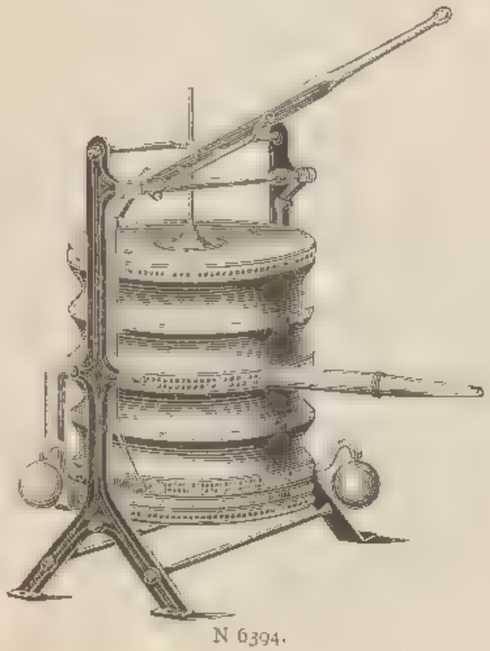


N 6393

Pillar Drilling Machine, double geared, self-acting feed motion, revolving table, having on one end a circular adjustable plate and parallel vice on the other The top part of machine can be swung round by loosening the nut on top of pillar. Raising motion of the table by rack
Drills up to 1 in. diameter Diameter of face plate 12½ in
Height 5 ft 7 in Gap to centre 12¼ in
Approximate weight 3½ cwt
Price for hand power £8 0 0
Ditto, with fast and loose pulleys .. 8 10 0
Also made in larger sizes

PATENT DOUBLE-BLAST CIRCULAR BELLOWS.

Mounted in iron frame complete



N 6394.

FIRST QUALITY Warranted to consist of the best possible materials and workmanship

18	20	22	24	26	28	30	32	34 in
75/	86/-	100/-	115/-	130/-	150/-	175/	195/-	232/6

SECOND QUALITY Warranted

69/-	80/-	92/6	105/-	119/-	138/-	160/-	180/-	215/-

If with weights, 7/6 to 15/- per set extra

IMPROVED PORTABLE FORGE.

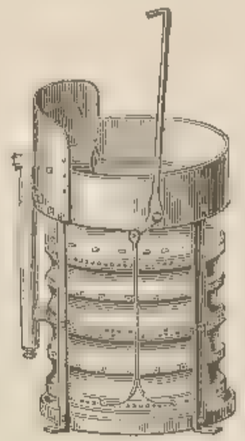
N 6595

Size No 1, 2 ft 5 in long 2 ft wide, 2 ft 10 in high, 24 in bellows	£4 4 0
Ditto, mounted on wheels as per drawing	5 11 6
Size No 2, 2 ft 2 in long, 1 ft 10 in wide, 2 ft 7 in high, 22 in bellows .	3 17 [illegible]
Ditto, mounted on wheels... ..	5 5 0
Size No 3, 2 ft 2 in long, 1 ft 8 in wide, 2 ft 6 in high, 20 in bellows	3 7 6
Ditto, mounted on wheels , ...	4 15 0

Above, if with vice attached, 20/ each extra

2 ft long, 1 ft 6 in. wide, 2 ft 6 in. high, 18 in bellows	3 0 0

IMPROVED SINGLE-BLAST RIVET FORGE.

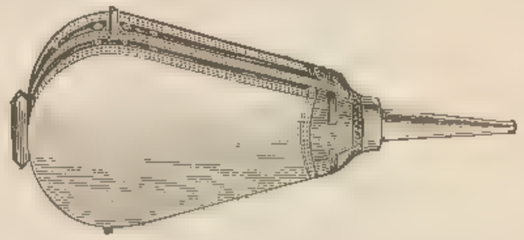


N 6396

1 ft 6 in wide, 2 ft 4 in high, 16 in bellows	£2 10 0
*1 ft 8 in wide, 2 ft 4 in high, 18 in bellows	2 13 6
*1 ft 10 in wide 2 ft 4 in high 20 in bellows	3 0 0
*2 ft wide, 2 ft 10 in high, 22 in bellows	3 10 0
2 ft 2 in wide, 2 ft 10 in high, 24 in bellows	4 2 6

*Sizes generally supplied
Prices of Double-Blast on application

LONG SHAPE SMITH'S BELLOWS.



N 6397

Best warranted extra leathered and double nailed

24	26	28	30	32	34	36	38	40	42 in
41/6	49/-	55/	65/	75/	90/	115/-	142/6	180/-	215/-

Extra best, extra leathered and double nailed, with two frames in top

45/-	52/6	59/-	70/-	80/-	96/-	123/6	155/-	193/6	231/

Prices of smaller or larger sizes on application.

Packing in canvas, up to 30 in , 1/6 per pair extra.
Ditto above 30 in , 2/- ditto

These qualities are generally supplied, but cheaper can be had if desired

Any description of Smith's Bellows made to order.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

ENGINEERS' AND SMITHS' TOOLS.

HAMMERS.

N 6398 N 6399

N 6400 N 6401

N 6398 —All Cast Steel Engineer's, either ball, straight, or cross pane, 1 lb and upwards, 8d. per lb

Ditto ditto ½ and ¾ lb, 9d each

N 6399 —All Cast Steel Smith's Hand, cross or straight pane, or double faced, 2 lbs and upwards, 8d. per lb

N 6400 or N 6401 —All Cast Steel Sledge either cross or straight pane, or double faced, 6 lbs and upwards, 5½d per lb

Hickory Handles—

15	18	21	24 inch
2½d	3d	3½d.	3½d. each

Ash Handles ... ... 2½d each

Hickory Sledge Handles
36 in., 8d each Ash ditto, 5d. each

SMITH'S ANVIL.

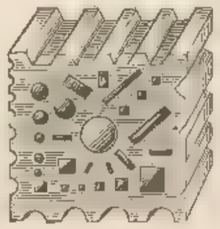
N 6404

Smith's ordinary pattern, ¾ to 5 cwt. each, first quality, warranted, 31/6 per cwt

Farrier's, with steeled bicks, 1/6 per cwt extra

Cheaper quality supplied, but not recommended

NEW PATTERN SWAGE BLOCKS.



N 6408

17 in × 17 in. × 5½ in will weigh about 2 cwt 2 qrs 20 lbs, 9/4 per cwt

12¾in × 12¾in × 4½in will weigh about 1 cwt 15 lbs 10/8 per cwt

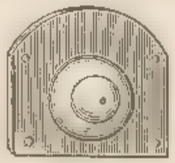
Cast iron Stands for the above, 12/- per cwt

SMITH'S TROUGH.

N 6409

Made in a variety of sizes and shapes
Price as drawn with round end and divisions, 3 ft long × 16 in wide (9 in for coal and 7 in. for water) × 12 in deep, 27/- each
Smiths' Cones also supplied
For Wheelplates, see page 73

IMPROVED SMITHS' HEARTH BACK, WITH TUE IRON.

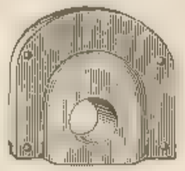


N 6402
Size of Blast Hole.

Size 13 × 14 in	¾ to 1 in	6 each
,, 14 × 15 in	¾ to 1¼ in	7 [illegible]
,, 15 × 16 in	1 to 1⅛ in	9 6
,, 18 × 19 in	1⅛ to 1⅜ in	14/-

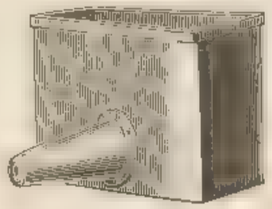
If with nuts, pins, and plates, 2/- extra.

HEARTH BACK FOR WATER BOSH.



N 6405 —Size 18 in high × 19 in. wide, 11/6 each.
,, 15 in. ,, × 16 in. ,, 7/6 ,,
With nuts, pins, and plates complete

IMPROVED WATER BOSH.



N 6406

Size of Bosh or Cistern Long	Deep	Wide.	Size of Blast Hole.	Each
1 ft. 9 in	1 ft. 9 in.	7½ in	⅞ to 1⅛	28 6
2 ft.	1 ft 11 in	9 in	1⅛ to 1⅜	33 6
2 ft 3 in	2 ft 1 in	10½ in	1¼ to 1⅝	43/6

GRINDSTONES.

N 6412.

Improved Grindstones in cast frame, wrought treadle and handle

With stone 18 × 2½ in . .. 27/6 each
,, 24 × 4 in. ... ... 42/- ,,

N 6413 Grindstones in cast iron trough, best quality stones and well fitted.

6 in.	8 in.	10 in.	12 in. stone
6/-	8/-	10/-	12/- each

N 6414. Price of Grindstones only, best blue, similar to Bilston.

6 in.	8 in.	10 in.	12 in.	15 in	18 in
1/-	1/5	1,8	2/-	2 9	3/6 each

24 × 3½	30 × 4	36 × 4½	42 × 5½	48 × 6½ in
5/	9/6	18/	27/	37/6 each

IMPROVED PARALLEL VICE.

N 6403

Made of best cast iron, with steeled jaws

No 1, opens 3½ in, width of jaw, 2⅞ in., 8/ each
,, 2 ,, 4¼ in, ,, 3¼ in 1[illegible]
,, 3, ,, 5 in, ,, 3¾ in 1[illegible],
,, 4 ,, 5½ in, ,, 4½ in, 23/6 ,,

INSTANTANEOUS GRIP VICE.

N 3084.—For Engineers and Metal Workers.

No.	Width of Jaw.	Opening.	Weight.	Price.
5	3¼ in	4 in.	34½ lb.	£1 4 6
6	3¾ in.	4½ in.	43 lb	1 9 6
7	4¼ in.	5 in	61 lb	1 15 0
8	5¼ in.	6½ in	77 lb.	2 0 0
8a	6 in.	6½ in.	80 lb	2 5 6

Larger and special sizes quoted for on application

SMITH'S VICE.

N 6407

Black Staple, solid box, 30 lbs. each and upwards, first quality, warranted, 5½d. per lb.

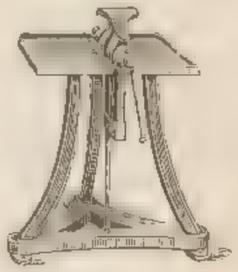
Under 30 lb., 6d. per lb

Approximate weights.

Width of jaw							
3	3½	4	4½	5	5½	6	6½ in.
23	33	45	[illegible]	72	95	124	127 lbs.

Spare solid boxes and pins, 11d. per lb

IMPROVED PORTABLE VICE BENCH.



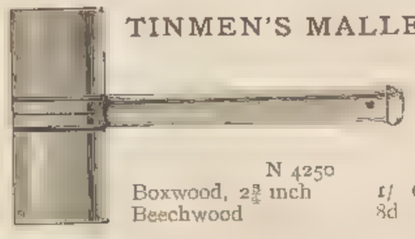
N 6411.

Small size, fitted with best warranted solid Box Vice, 3½ in. jaws, weight about 30 lbs. ..	£1 17 [illegible]
Medium, fitted with best warranted solid Box Vice, 4½ in. jaws, weight about 56 lbs....	2 10 0
Large size, fitted with best warranted solid Box Vice, 6 in jaws, weight about 85 lbs..	3 6 0

Also supplied mounted on wheels, or fitted with parallel vice

The varieties described represent in many cases but a small selection from those that can be supplied Further details will be sent on receipt of requirements.

PLUMBERS', GLAZIERS', AND TINMEN'S TOOLS.



TINMEN'S MALLETS.

N 4250
Boxwood, 2¾ inch 1/ each.
Beechwood 8d .

BOXWOOD BOSSING MALLETS.

	2½	2¾	3 inch
N 4251	1/-	1/3	1/6 each

BOXWOOD BOSSING STICKS.

	13	14	15 inch
N 4252	1/2	1/4	1/7 each

PLUMBERS' DRESSERS, BEECHWOOD.

N 4253 1/- each.

BOXWOOD CHASE WEDGES.

	2	2½	3 inch.
N 4254	9d	10d.	1/- each

BOXWOOD TURN PINS.

	1	1½	2	2½ inch
N 4255	2d.	3d	4½d.	8½d each

PLUMBERS' SHAVE HOOKS.

N 4256. Egg shape, straight or bent, 7d. each.

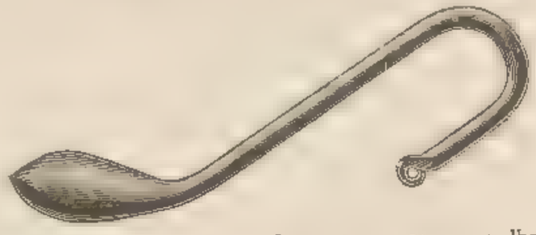
N 4257 3 Square ditto, 7d. each

STONE MASONS' MALLETS.

N 4258 Beechwood

			8 inch
1/6	2	3/-	each

PLUMBERS' SOLDERING IRONS.



	2½	3	3½	4 lbs
N 4259	1/8	2/	2/4	2/8 each.

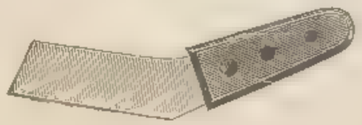
TINMEN'S SOLDERING IRONS.

	½		1	1¼	1½	1¾	2 lb
N 4260 Straight	1/11	2/	[illegible]	2/8	3/	3/6	3/8 each

	½	¾	1	1¼	1½	1¾	2 lbs.
N 4261 Hatchet shape,	1/11	2/2	2/5	2/8	3/-	3/4	3/8 each

PLUMBERS' MELTING LADLES.

	2½	3	3½	4	4½	5	6	7	8 inch
N 4262	8d	9d	10d	1/	1/2	1/6	2/	2/6	2/10 each



PLUMBERS' CHIPPING KNIVES.

N 4263 5 inch .. .. 1/2 each

HACKING KNIVES.

		5	6 inch
N 4264	1	1/2	1/7 each
N 4265 Straight back	7d	8d	,,

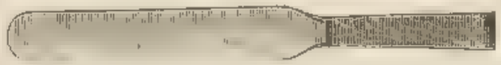
GLAZIERS' PUTTY KNIVES.

N 4266 Notched 4 inch ... ... 8d each
N 4267 Plain, 4 ,, ... 7½d

PUTTY OR STOPPING KNIVES.

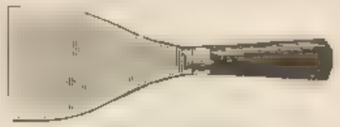
N 4268 5 inch .. .. 10½d each
N 4269 Chisel point do 4½ × 2 inch 1/- ,,

PALETTE KNIVES.



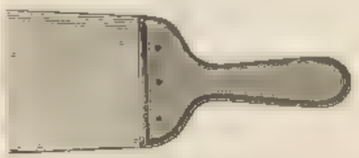
	6	7	8	9	10	12 inch.
N 4270 ...	10d	1/2	1/6	2/	2/6	- each
N 4271 Balanced handle	1/1	1/5	1/8	2/2	2/8	4/6 ,,

PAINTERS' STRIPPING KNIVES.



N 4272
5 inch × 3 inch,
1/4 each

PAPERHANGERS' STRIPPING KNIVES.



N 4273
4 inch ... 8d
each

PAPERHANGERS' SCISSORS.

	9	10	11 inch
N 4274 ..	2/9	3/6	4/3 pair.

GLASS CUTTERS.

N 4275 ... ... 6d each

GLAZIERS' DIAMONDS.

N 4276 C quality, for crown glass ... 11/6 each
B ,, large spark ,, ... 16/- ,,
A ,, for sheet glass ... 20/- ,,
S ,, ,, thin plate glass... 24/ ,,

PAINT KETTLES.

No	0	0	1	2	3
	1	2	3	4	6 pints.
N 4277. Tin	4d	6d.	9d.	11d	1/1 each

N 4278 -Galvanized Iron, with hook

	6	7	8 inch
	10d	1	1/2 each

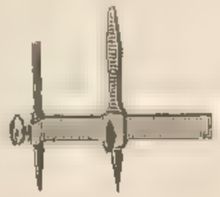
GLUE POTS.

N 4279 Tinned pan -

	½	1	1½	2½	3½	5 pints
	1/3	1/6	2/2	3/2	4/2	5/3 each.

N 4280.—Copper pan

	½	1	1½	2½	3½	5 pints
	2/	2/10	3/10	5/3	7/	8/ each



WASHER CUTTER.

N 4281

Single 2/6 each
Double . 3/6

GLASS PLIERS.

N 4282 6 inch 2/3 pair

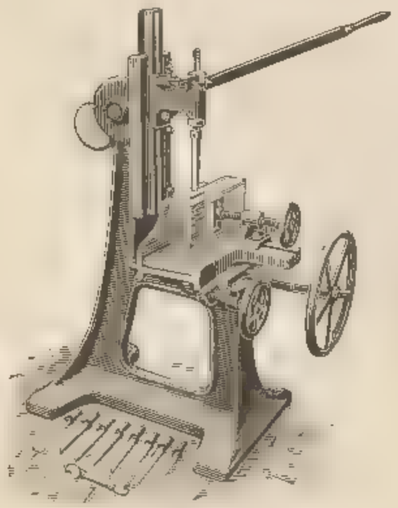
OIL STONES

		Per lb
N 4285	Turkey, 8 or 9 × 2 × 1¼ in	1/6
N 4285	Washita, do do	1/4
N 4285	Canadian, 7 to 8 × 2 to 2½ × ⅝ to 1¼ in	5d

N 4286 Turkey slips, 4 to 5 in. each 10d.
N 4287.—Washita do. do. ,, 8d

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

THE "CHALLENGE" MORTICE MACHINE.



N 6500

In designing and constructing the above machine, the maker's aim has been to make a Mortice Machine to come in at an exceedingly low price, and which for simplicity, efficiency, and accuracy in all its working parts, cannot be surpassed.

It is suitable for working either hard or soft wood, thus making it a most acceptable machine for all classes of joiners, builders cabinet makers, &c., &c.

The frame itself is made all in one casting. By this means a strength and solidity is given to the machine, which is not only very desirable but very necessary where good work is required to be done

The wrought iron lever which is used for bringing the chisel down to its work is so placed that when the workman is using the machine he stands in an easy and convenient position for operating on and seeing the work he is doing.

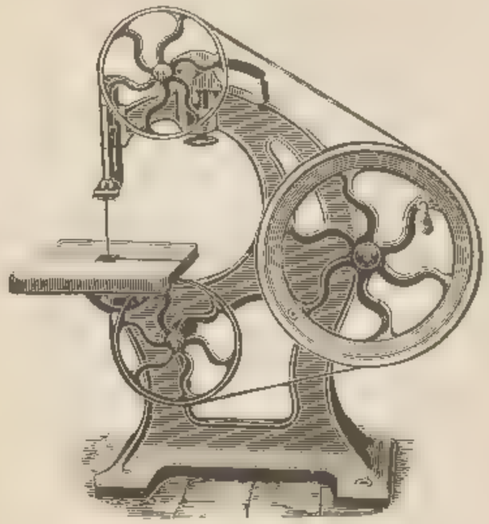
The chisels are made from a high class steel, specially manufactured for morticing purposes.

Each chisel is fitted with a pin, which fits in the slot hole in a taper socket in chisel box, this keeps it immovable and perfectly true in reversing, thus by a half turn of chisel box handle the chisel is reversed truly.

This machine will mortice 6 inch deep, and take work on the movable table 16 inch × 7 inch. Weight of machine, cwt. 2 qrs with boring apparatus, 3 cwt 3 qrs.

	£	s	d.
Price of machine including eight chisels, ¼ inch to ⅝ inch, one spanner and one core driver (without boring apparatus)	8	0	0
Price of machine with boring apparatus, including three bits for iron, and three for wood ...	9	0	0

THE IMPROVED "GEM" BAND SAW MACHINE.



N 6501

Having often had enquiries for a good Hand Band Saw Machine, and one that could, when required, be converted into a machine to be worked by steam power, we can recommend above machine as being such an one. It is strongly built, the pillar being one solid casting; it is compact and complete in itself, occupies little room, and works by hand with greater ease than any other hand machine of its class. We introduce it to the trade with full confidence in its working, feeling certain that it will not fail to give satisfaction to anyone requiring such an article.

It is fitted with tension motion to allow for expansion or contraction of saw whilst working

The table is made to cant for cutting work on the bevel.

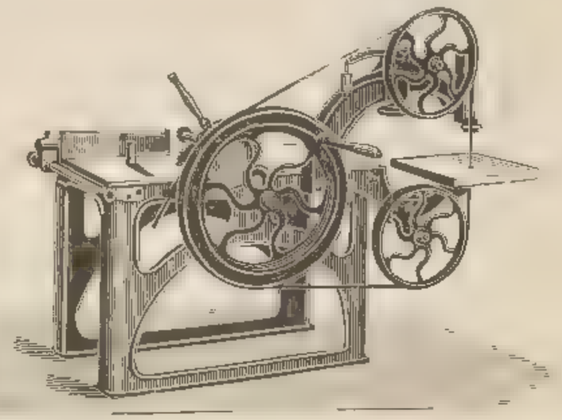
It will admit of work 11 inch deep.

When worked by steam power, speed of driving pulleys should be about 100 revolutions per minute.

	£	s.	d.
No. 2 size, with band saw pulleys each 16 inch diameter, and fly-wheel 28 inch diameter, with angle bracket for tenoning, one screw-key, and one ⅝ inch saw, sharpened and set ready for use. Weight, 5 cwt 2 qrs. .. Price	10	10	0
No 1 size, with band saw pulleys each 20 inch diameter, and fly-wheel 32 inch diameter, with angle bracket for tenoning, one screw-key, and one ⅝ inch band saw sharpened and set ready for use Weight 7 cwt Price	13	10	0
A boring apparatus, with 1 inch auger, may be attached to either machine .. Price extra	2	0	0
Either machine may be made so as to work by steam power, by placing a pair of pulleys behind fly-wheel. With one pair 9 in pulleys, price extra	0	12	6
Ditto, with one pair 12 inch pulleys ,,	0	15	0
Belt, fork, and striking gear for ditto ,,	0	12	0

For steam power the No 1 size is recommended.

HAND-POWER COMBINED CIRCULAR AND BAND SAWING MACHINE.



N 6502.

Will cut with 14 inch circular saw, 4½ inch deep, with band saw 6 inch deep. Approximate weight 8 cwt 2 qrs.

Table for above bench is 4 feet × 2 feet, substantially made of iron, planed true on the top It is fitted with rising and falling spindle, self-acting feed motion; parallel fence made to cant so as to cut bevels, and also to turn over end of bench, to be out of the way of cross cutting. It is also fitted with weight and roller, for keeping timber to fence.

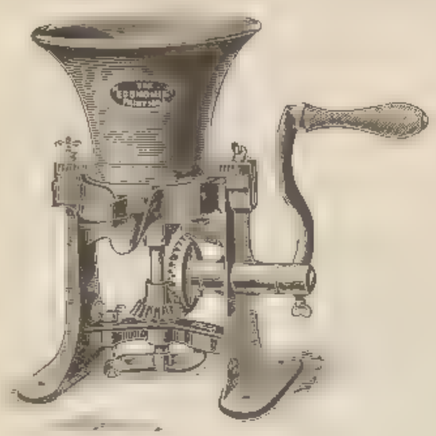
With this bench one man can cut 3 inch deep at the rate of 10 feet in four minutes or 2 inch deep at the rate of 10 feet in 2 minutes, thus effecting a saving of 150 per cent over what can be done with the hand saw.

Band saw apparatus is fitted with square table made so as to cant over for cutting to any bevel with this may be cut any irregular, curved, or ornamental design, with an ease not attained before by any hand power-machine The band saw is fitted with a new arrangement for securing equal tension to saw at all times

	£	s.	d.
Price of above machine, with one each 9 inch and 14 inch circular, and one band saw ⅝ inch ...	22	0	0
Ditto, if with boring apparatus, and one patent auger	24	0	0
Ditto, if with patent apparatus for steam power as well as hand ... . extra	2	0	0
Ditto, if for steam power only and not for hand ,,	1	10	0
Price for band saw apparatus, to attach to wood bench with one saw ⅝ inch .	8	0	0
Hand power circular saw bench only, with one each 9 inch and 14 inch saw, feed motion, and six rollers for extending bench...	12	10	0
Ditto, without feed motion or the six rollers ...	10	10	0
If prepared to work by hand or steam ... extra	0	10	0

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

LIFTING JACKS, PAINT AND MORTAR MILLS, SCREENS, &c



NEW PATTERN PAINT MILL.

WITH LATEST IMPROVEMENTS

N 3094

Diameter of Grinding Cones	Diameter of Hopper at Top.	Approximate Capacity of Hopper.	Approximate Weight of Mill.	Price each
4½ ins.	7½ ins.	1 quart	22 lbs.	28/6
6 ,,	10½ ,,	1 gallon	38 ,,	42/-
6 ,,	fitted with fast and loose pulleys, belt fork and pedestal for power			60/-

This Mill is recommended as the best value in the market, and the six-inch is a useful size for most workshops

The grinding parts are fitted very accurately, the cones being cut by special machinery, so that colours can be finely ground for best work; also by a simple adjustment the machine can be used for grinding up old paint or mixing colour with rapidity.

The Hopper and Trough are lined with porcelain enamel, so as to be easily cleaned, and a spout is provided for delivering the ground material, which is a great improvement By means of a simple adjustment, the Mill can be instantly converted into an excellent mixer

PHIPPS' PATENT LIFT, PULL AND PUSH JACK AND CRAMP.

WITH LUGS FOR CHAIN, HOOK, WIRE OR ROPE

N 3086.

These extremely useful little Tools will be found most handy for a thousand purposes, are very strong and well fitted, and possess great power The Central Block and Screws are a Solid Steel Forging, with right and left hand Square Thread The Heads are Malleable Iron

Mechanics who have used them, declare they are just the article so much wanted in every workman's kit, are a marvel of cheapness and will save time and money

	Size	Height Down	Screw.	Price, Plain	Price, with Lugs	Weight lbs	Tommy. extra		Spanner, extra	
A	1 ton	6 in	1 in	8/	8/6	3½	24" × ½" ...	1/4	1⅛" × 24"	2
B	1 ,,	8 ,,	1 ,,	8/	8/6	4	24" × ½" ...	1/4	1⅛" × 24"	2
C	1¼ ,,	10 ,,	1¼ ,,	10/6	11/	9	24" × ⅝" ..	1/6	1⅜" × 24"	3/7
D	2 ,,	12 ,,	1½ ,,	13/	13/6	14	24" × ⅞" ..	1/8	2" × 24"	4
E	4 ,,	14 ,,	1¾ ,,	18/6	19/	24	24" × 1" ..	2/2	2¼" × 24" ...	4/8
F	6 ,,	16 ,,	2 ,,	23/6	24 –	34	30" × 1⅛" ..	2/9	2½" × 30" ...	5/6
G	8 ,,	18 ,,	2¼ ,,	29/–	29/6	46	32" × 1¼" .	3/6	3" × 32" ...	7/3
H	10 ,,	20 ,,	2½ ,,	39/–	39/6	68	36" × 1½" ..	4/6	3¼" × 36"	8/1
J	15 ,,	22 ,,	2¾ ,,	59/-	59/6	88	40" × 1½"	5/6	3½" × 36"	9

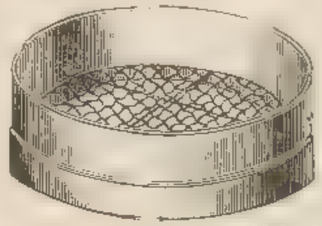
SCAFFOLD ROPES.

Tarred hemp, in coils ... . 35/ per cwt
,, cut and whipped ... extra 1½d. per rope
White, in coils ... ... 37/6 per cwt
, cut and whipped ... extra 1½d per rope

The above are BEST QUALITY Ropes, and can be thoroughly recommended. Cheaper can be supplied.

Weight of 1 dozen ⅝ in × 12 feet long tarred hemp, cut and whipped, is about 20 lbs.

Ditto ditto ⅝ in × 18 feet long, is about 30 lbs



RIDDLES, GALVANIZED IRON WIRE.

N 6508

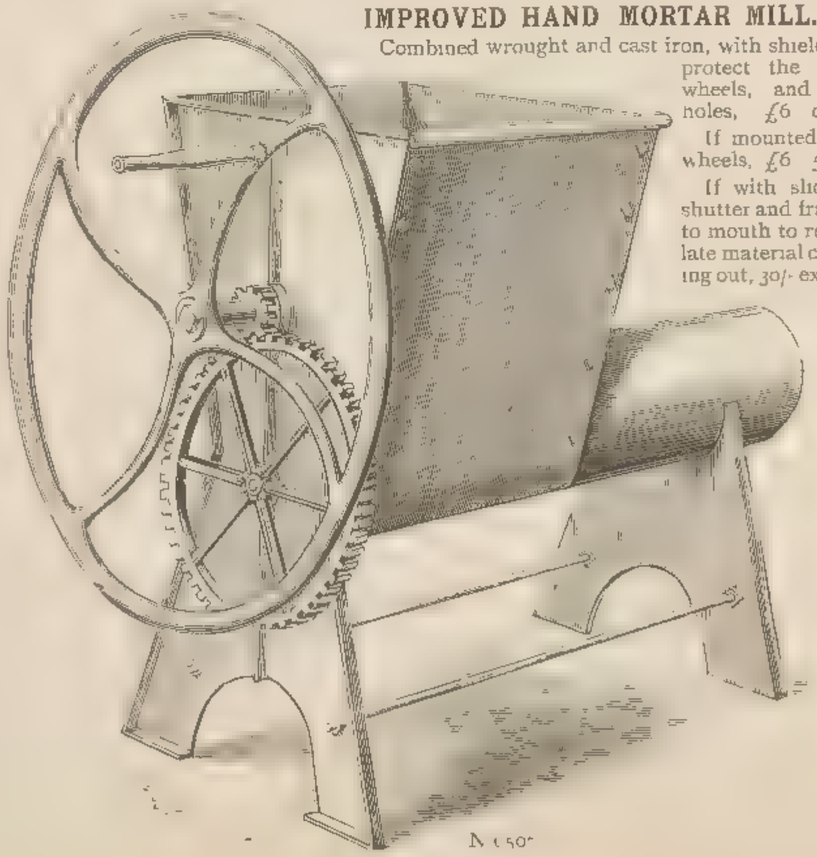
	18 × ⅛	¼	⅜	½	⅝	¾ in. mesh
Single wood hoop --	25/-	19/3	14/9	14/-	12/-	dozen
—	2 3	1/10	1/5	1/4	1/2	each.
Double ,, 4/-	4/-	3/6	3/-	2/9	2/8	,,
Galvanized iron hoops ... —	23/9	21/-	20/	20/-	20/-	dozen.
—	2/2	1/11	1/10	1/10	1/10	each.

IMPROVED HAND MORTAR MILL.

Combined wrought and cast iron, with shield to protect the cog wheels, and oil holes, £6 0 0

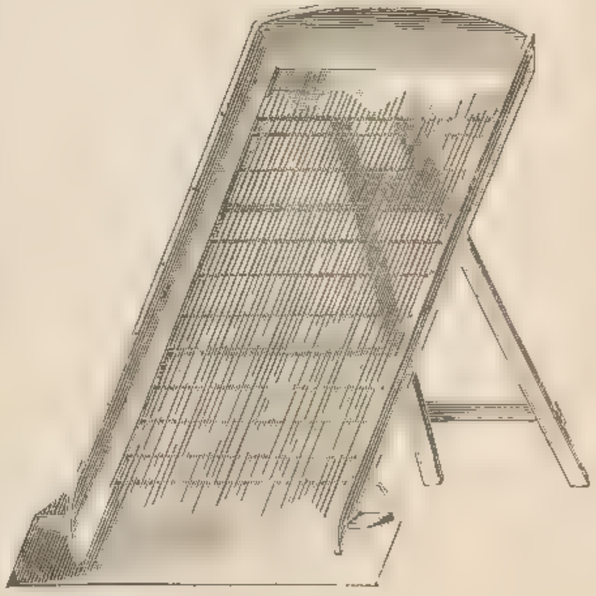
If mounted on wheels, £6 5 0

If with sliding shutter and frame to mouth to regulate material coming out, 30/- extra.



N 6507

LIME SCREENS. N 6509



	¼	⅜	⅜	½ in. mesh
Black wire without ladder	15/6	14/-	13/-	11/6 each
Best galvanized with ,,	25/6	24/-	23/-	21/6
Black wire, improved loop, without ladder	—	—	21/6	19/

Rod Screens for coal and gravel, without ladder, ¼ inch rod, size of bed, 2 feet 6 inches × 4 feet 4 inches.

¼	⅜	⅜	½	⅝ inch.
56/	51/-	47/-	44/	37/6 each

BOTTLE JACKS.

N 6516. With cast iron frame.

Size No	Height when down.	Diameter of Screw	Tested to	Price
1	12 in	1½ in	1½ ton	£0 5 6
2	15 ,,	1½ ,,	2 ,,	0 6 6
3	18 ,,	1¾ ,,	4 ,,	0 8 6
4	21 ,,	1¾ ,,	5 ,,	0 9 6
5	24 ,,	1⅞ ,,	6 ,,	0 12 6
6	24 ,,	2⅛ ,,	8 ,,	0 14 9
7	24 ,,	2⅜ ,,	10 ,,	0 17 6

HALEY'S SCREW JACKS.

N 6517.—With forged steel pinions and wrought iron case hardened wheels with wood cases.

Size No.	Height when down.	Diameter of Screw	Tested to	Price
1	29 in	[illegible] in	2 ton	£[illegible] 1 [illegible]
2	3[illegible]	2	[illegible]	[illegible] 11 [illegible]
3	[illegible]	2[illegible]	6	2 18 [illegible]
4	3[illegible]	[illegible]	8 ,,	3 1[illegible]
5	4[illegible] ,,	[illegible]	1[illegible]	3 19 6
6	5[illegible]	3	1[illegible]	5 [illegible] 0
7	[illegible]	3½	[illegible]	7 1[illegible]
8	40 ,,	4[illegible]	2[illegible]	9 18 0

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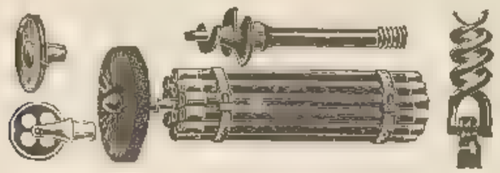
DRAIN CLEANSING MACHINES.



N 4290

30 foot Drain Cleansing Machine, consisting of ten 3 foot best stout red malacca rods, fitted with best brass screws, double worm screw, brass clearing wheel, 4 inch india rubber plunger, Archimedean screw, and straps, complete ... £1 [illegible]

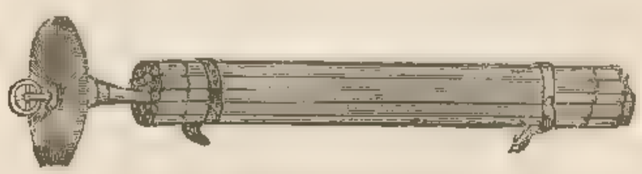
40 foot	£1 16
50 foot	2 4
60 foot	2 15
70 foot	3 4
80 foot	3 12
90 foot	3 17 0
100 foot	4 3
200 foot	7 18
Chimney Sweeps' Brush, extra	0 2

The Machine can be used for Chimney Sweeping also

Best Stout Red Malacca Cane Rods, fitted with best brass screws -

		s.	d.			s.	d.
2 foot ...	each	1	6	4 foot	each	3	0
2 foot 6 inch ..		1	10	4 foot 6 inch	"	3	[illegible]
3 foot ..		2	6	5 foot		3	[illegible]
3 foot 6 inch		2	9				

CHIMNEY SWEEPING MACHINES.



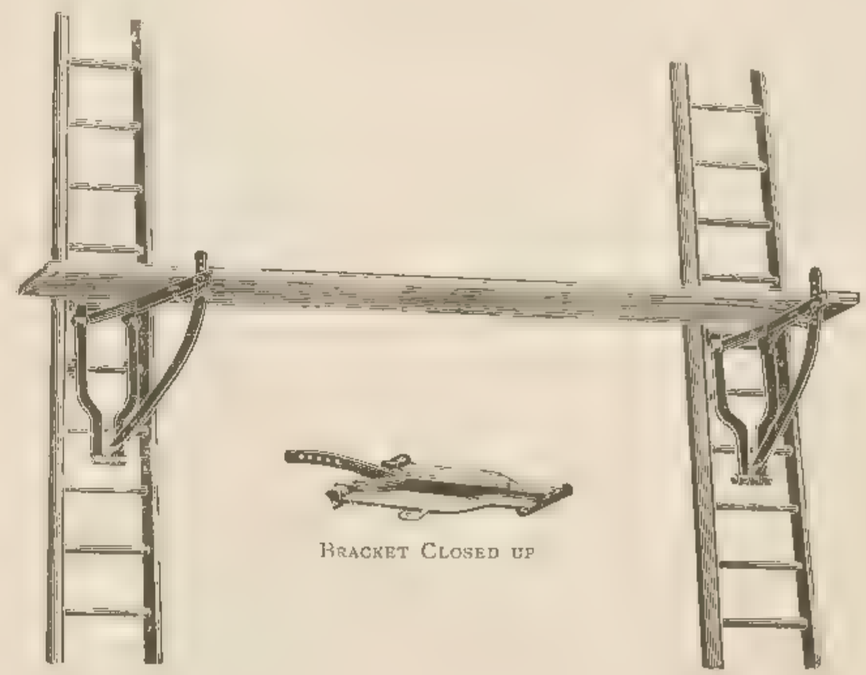
N 4291

40 foot Chimney Sweeps' Machine, best stout red malacca canes, fitted with best brass screws, 4 foot or 4 foot 6 inch lengths, with 18 inch Chimney Sweeps' Bass Brush patent wheel and cup, leathers and straps complete, as shown ... £1 13 0

50 foot	2 0 0
60 foot	2 6 0
70 foot	2 13 0
80 foot	2 19 0
90 foot	3 6 0
100 foot	3 12 0

PATENT ADJUSTABLE WROUGHT IRON LADDER BRACKETS.

Safe, light and compact absolutely steady in use, and without the least side motion Suitable for forming a Platform instantly, at any height, for painting, pointing, gutter fixing, etc.



Bracket Closed up

N 4292 . .. ... 25/- per pair

Takes a plank 14 inches wide Weight about 26 lbs

It hooks on to two rungs of each ladder, and on either side of ladder, and is supplied to suit ladders of 9 inch rise of tread, unless otherwise ordered

PULLEY BLOCKS AND HOISTS.

IMPROVED WESTON'S DIFFERENTIAL PULLEY BLOCKS.

WITH PATENT SWIVELLING RADIAL CHAIN GUIDES

The chain passes through two movable guides as shown in sketch, this prevents the chain from twisting or catching, and allows it to be worked either by a "side pull" or direct "down pull"

PRICES OF PATTERN SHOWN

Requires chain about four times length of lift

Tested to	Blocks per set.	Bright Chain per foot.
5 cwt	8/-	5d
10 ,,	12/6	5d
15 ,,	14/6	6d
20 ,,	17/6	7d
30 ,,	25/-	8d
40 ,,	32	9d
60 ,,	45/-	10d
80 ,,	65/-	11d

These pulleys and chains are tested to the powers respectively stated (which are intended as extreme limits) and the greatest care is taken to ensure iron of the best quality; but it is distinctly understood we do not hold ourselves responsible for the effects of any chain, &c., breaking. It is advisable to allow a suitable margin when ordering

G 6514.

When sheaves or other parts are required for renewal it is necessary to give the consecutive number stamped on the side strap of top frame

PATENT SURE-GRIP TACKLE BLOCKS.

N 6511

Will hold load at any point without fastening the rope. The brake is absolutely automatic—the heavier the load the better the grip, and it is disengaged by very slight pressure on the trip cord

PRICES OF BLOCKS

	Using	One man can lift	Capacity	
No. 3	⅜ in rope	300 lbs.	600 lbs.	... 12 6
No 4	½ in. ,,	350 lbs.	1,000 lbs.	.. 23/
No 5	⅝ in ,,	400 lbs.	1,800 lbs	.. 30/-
No. 6.	¾ in ,,	450 lbs	2,500 lbs.	.. 36/-
No 4½	½ in ,,	600 lbs	3 000 lbs	.. 42/
No 5½	⅝ in ,,	700 lbs	3,500 lbs	... 50/
No 6	¾ in ,,	850 lbs.	5,000 lbs	... 60/-

PRICES OF ROPES

⅜ inch, 2d per yard; ½ inch, 3d. per yard.
⅝ inch, 4d ,, ¾ inch, 5d. ,,

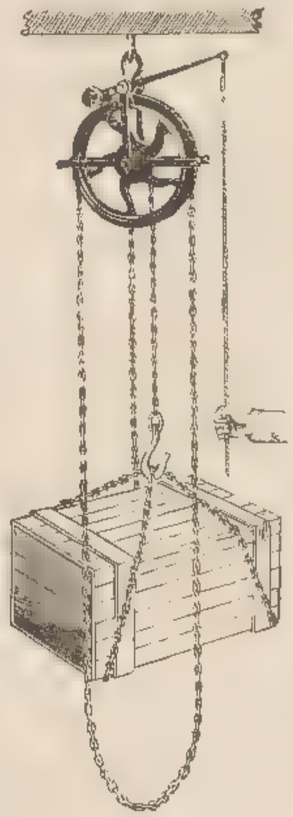
For single blocks, Nos. 3, 4, 5, and 6, five lengths of rope are required; for double blocks, Nos. 4½, 5½, and 6½, eight lengths

When ordering blocks and ropes give height to be raised.

Instructions for Reeving.—Enter rope at **A**, pass wedge, and follow arrows as shown in cut. It will be noticed the two centre ropes *coming in contact with wedge* always travel in same direction at same time Take the twist out of rope before reeving

Price of travelling gear on receipt of requirements

PATENT SACK HOIST.



T 6512.

Having two wheels of different diameters connected together, the smaller one carrying the lift chain and the larger one the endless hand chain, the empty chain descending simultaneously with the raising of the load.

The size in greatest demand is No 2, to lift 5 cwt, and is recommended in preference to the 2 cwt

No	Tested to lift.	Diameter of large wheel.	Price of hoists without brake.	Price of lift or hand chains per foot.
1	2½ cwt.	12 in	£0 16 0	7d.
2	5 cwt.	16½ in	1 0 0	7d.
3	7½ cwt.	20 in	1 5 0	8d
4	10 cwt.	24 in.	1 10 0	8d.

Extra for Ordinary Brake, as drawn, having a lever and cord, by pulling which the operator can lower the load with great ease and safety, a balance weight releases the brake when not required ... ... 10/- each

Extra for Lock Brake, by means of which the brake can be locked to the lift suspended, without any danger of its running down until the cord is again pulled... ,, . ,, 15/- each

Each foot of height requires 8 feet of chain

In ordering endless hand chains, shorter than the lift chains, for working from overhead floors, please note that it is our practice to measure endless chains double, *i.e.*, to describe a hand chain measuring 20 feet all round as "10 feet endless." When the hand and lift chains are one length, it is only necessary to state the height from the suspending hook to the ground.

The lift chain is supplied with rings or hooks, or both if desired

SELF-SUSTAINING WALL CRAB HOISTS.

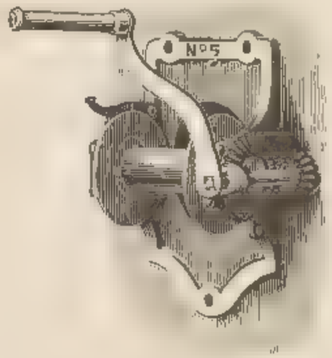
Size 16 in. × 12 in. × 10 in. from wall, with a 2½ in. × 6 in barrel.

This size requires 10 revolutions of the handle to 1 revolution of the barrel. Allowing 40 revolutions of the handle it will lift a weight not exceeding 5 cwt about 3 feet per minute. It cannot run down without the handle being turned.

This machine is especially adapted to Carriage-houses for lifting wagonette heads

No. 1 .. .. £1 8 0

Suitable bolts for fixing to 9 in. wall, 4/ per set.
Suitable wire rope 7d per foot

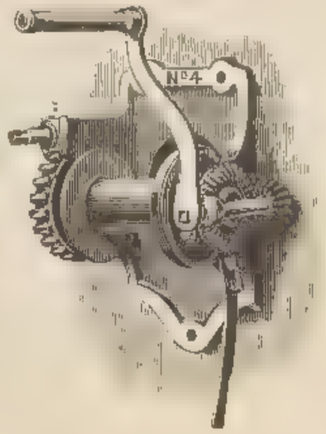


No. 5. Size 24 in × 18 in. × 16 in from wall, with a 4 in dia × 10 in barrel

No. 6.—Size 16 in. × 12 in. × 10 in. from wall, with a 2½ in × 6 in. barrel

These two sizes are made with quick gear only, and will deal with weights of 3 cwt. each No. 5 lifts 20 stone sacks, at 13 feet per minute, with ease, and is most useful for Bakers, Millers, Corn Merchants and Farmers

No. 5 ... . £2 10 0
No. 6 same size as No 1, but with quick gear as No. 5 } 1 8 0
No. 7 as No. 5 but with handle at side £2 10 0
Do. do. with brake 2 15 0



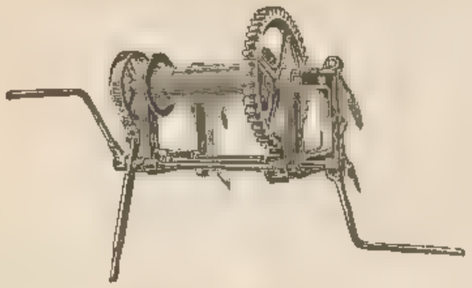
Size 24 in × 22 in × 16 in from wall, with 3 in × 9 in barrel

On the left hand side is the worm-and-wheel gear, giving great power (up to 10 cwt.) with slow speed, and on the right hand side quick speed, capable of lifting 3 cwt thirteen feet per minute, and of lowering by brake if desired

No 4 .. .. £3 12 6
Suitable Bolts for 9 in. wall, per set 5s 6d.
,, Wire rope 7d. to 9d per foot
,, Chain 9d. per foot.

The varieties described represent in many cases but a small selection from those that can be supplied Further details will be sent on receipt of requirements.

CRAB WINCHES AND PULLEY BLOCKS.

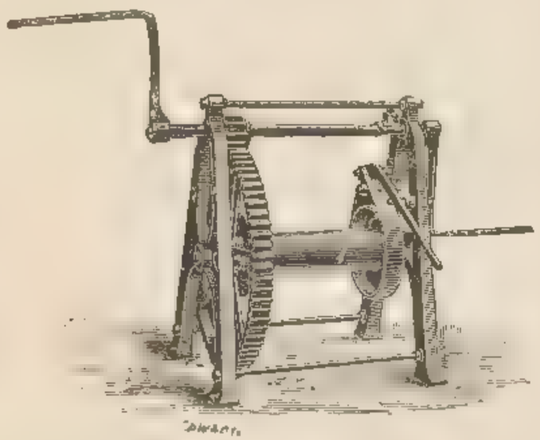


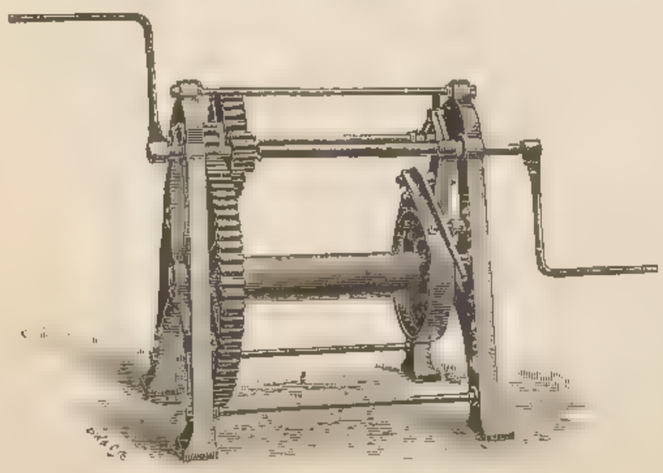
WALL CRAB.

N 6510

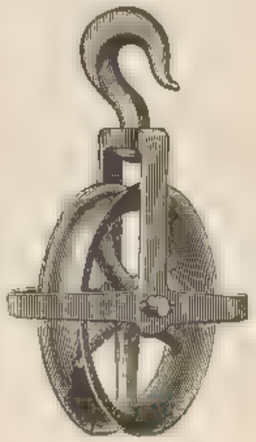
SINGLE PURCHASE				DOUBLE PURCHASE			
No	To lift with 2 and 3 sheave pulley blocks	Price without brake	Price with brake	No.	To lift with 2 and 3 sheave pulley blocks	Price without brake	Price with brake.
1	2 ton	38/6	47/6	10	3 ton	55/6	65/-
1A	3	45/-	54/6	10A	4	61/-	70/-
2	4	54/-	63/6	11	5 ,,	74/6	85/6
3	5 ,,	62/-	74/-	11A	7 ,,	93/-	106/6
4	6	81/6	93/-	12	9 ,,	111/6	127/-

The above will lift one-third the weight specified from the Barrel direct.





GIN BLOCKS OR RUBBISH PULLEYS.



N 6518.

Dia of Pulley ins.	6	8	10	12	14
Width of Groove ,,	1	1⅛	1⅛	1⅛	1⅛
Price each	4/-	7/-	8/3	9/-	11/-

Dia of Pulley ins	16	18	20	22
Width of Groove ,,	1⅜	1⅝	1⅝	2
Price each	14/6	15/-	18/-	19/6

The actual width of Groove is from one-sixteenth to one-eighth more than list to allow for new rope being larger.

CRAB WINCH.

N 6520.

These Crabs are so constructed that the handles do not revolve when lowering by the brake They have turned shafts, the bearings accurately bored, and steel keys

SINGLE PURCHASE

	To lift with 2 and 3 sheave pulley blocks	Price without brake.	Price with brake	Extra if brass bushed
No 0	1 ton	38/-	45/-	7/-
,, 1	2	38/-	47/6	7/-
,, 1A	3 ,,	45/6	54/6	8/-
,, 2	4 ,,	54/-	63/6	9/9
,, 3	5 ,,	62/-	74/-	11/3
,, 4	6	81/6	93/-	12/9
,, 5	7 ,,	94/6	108/6	14/9

DOUBLE PURCHASE

	To lift with 2 and 3 sheave pulley blocks.	Price without brake.	Price with brake.	Extra if brass bushed
No 10	3 ton	55/6	65/-	10/3
,, 10A	4	61/-	70/-	11/9
,, 11	5	74/6	85/6	13/9
,, 11A	7	93/-	106/6	15/6
,, 12	9 ,,	111/6	127/-	18/-
,, 13	12 ,,	135/-	151/-	20/-
,, 14	15	174/6	193/-	27/-
,, 15	18	225/-	246/-	31/-
,, 16	24	279/-	302/6	31/-

The above will lift one-third the weight specified from the barrel direct

These Crabs can be fitted with fast and loose pulleys instead of handles, so as to be driven by power, the extra for which will be quoted on application. Estimates given for every description of Hoisting Crab Winches and Warehouse Cranes

Nº 3

Nº 4

Nº 5

WROUGHT IRON PULLEY BLOCKS.

N 6515

These blocks are of the best quality, and have turned shafts bright sheaves, and are bored The eye as shown in No 4 is supplied with the smallest block of each pair ordered

Diam. of sheave.	Width of groove.	Snatch block.	1 sheave block.	2 sheave block.	3 sheave block.	4 sheave block	Blocks will take chain
2 by	¾ in		2/-	3/8	4/6	5/-	
3½ ,,	¾ ,,	4/6	3/3	4/6	5/6	6/9	
4	⅞	5/-	3/6	5/3	6/-	8/-	
4½	⅞	6/-	4/9	6/6	8/6	11/9	¼ in
5 ,,	1 ,,	7/9	5/-	8/6	11/9	15/-	¼ ,,
6 ,,	1 ,,	9/-	6/9	10/6	14/6	19/-	⅜ ,,
7	1¼ ,,	11/3	8/6	14/6	20/-	28/-	⅜
8 ,,	1½ ,,	14/6	11/3	20/3	28/9	41/6	½
9 ,,	1⅝ ,,	21/9	18/-	28/9	38/3	58/6	½

Larger size will be quoted for specially on receipt of requirements

Revised Table giving Test Load in cwts. for each combination of above Blocks.

Size of Blocks.	2½ × ¾	3½ × ¾	4 × ⅝	4½ × ⅞	5 × ⅞	6 × 1	7 × 1¼	8 × 1½	9 × 1¾
1 and 1 sheave	2	5½	9	15	22	33	44	65	87
2 ,, 1 ,,	2¾	8	13	21	31	47	62	93	124
2 ,, 2 ,,	3	10	16	26	39	58	77	116	154
3 ,, 2	4½	12	19	30	45	68	90	135	180
3 ,, 3 ,,	5	14	22	34	51	78	102	154	205
4 ,, 3	5½	15	24	38	56	83	112	167	220
4 ,, 4	6	16	26	40	60	90	120	180	230

The above Table must be treated as only approximate, and in no case can its accuracy be guaranteed.

All parts of these pulley blocks are interchangeable

The actual width of groove is from one-sixteenth to one-eighth more than given to allow for new rope

Prices with Brass Sheaves on application.

Quotations given for every description of Chain for Builders' and Contractors' use.

GALVANIZED FLEXIBLE STEEL WIRE ROPE.

N 4306

Circumference	⅜	½	⅝	¾	1	1¼	1½	2	2¼	2½	3	inch
Working Load	90	160	250	360	640	1000	1430	2540	3220	4000	5700	lbs
	5/-	6/6	10/-	12/-	15/-	17/-	18/6	20/-	22/6	25/6	32/-	100-ft

MITRE CUTTERS, CRAMPS AND BENCH SCREWS.

IMPROVED CORNER CRAMP.

N 6521

Size	No 1	No 2	No 3.
Will take	1¾	3	4 in mouldings.
Price	1 8	2 4	3 8 pair

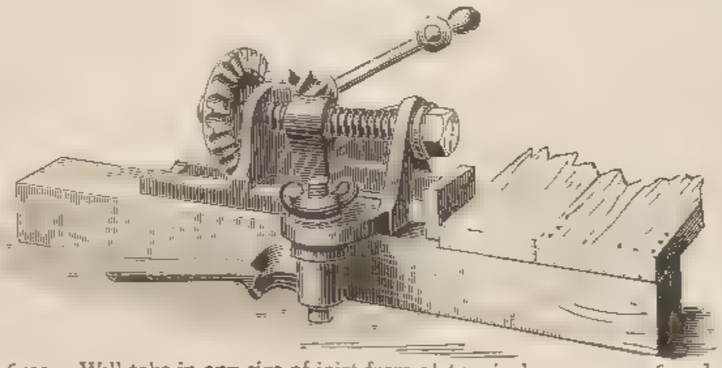
The Improved Corner Cramp is intended for gripping securely two sides of a picture frame during the process of nailing together

CIRCULAR SAW SPINDLE (with Pulley on end).

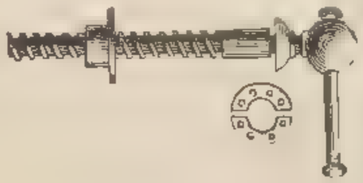
N 6900.—With white metal bearings and large oil cups

	Length over all.	Diameter of Pulley	Diameter of Spindle.	Price.
No 1	17½ in.	2⅜ in.	1 in	25/- each
No 2	23 in	3⅜ in	1¼ in	35/- ,,
No 3	27 in.	4⅜ in	1 5/16 in	45/6 ,,

FLOORING CRAMP.



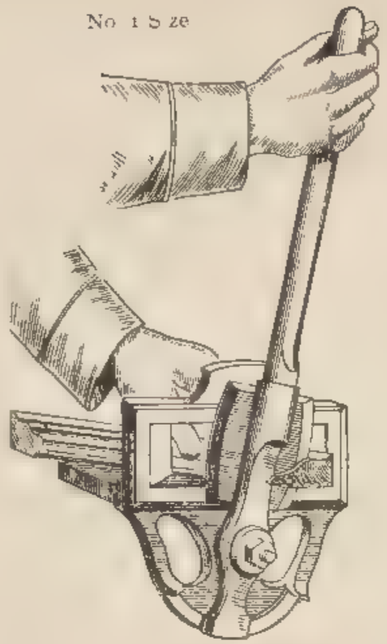
N 6523.—Will take in any size of joist from 1½ to 4 inches ... 14/6 each.
Second quality, ditto, ditto ... . .. 11/- ,,



BENCH SCREWS.

	Length	18	20	21	22 inch
	Diameter	1⅛	1¼	1⅜	1½ ,,
N 6524 —Best Bright		7/	8/-	10/-	11/- each.
N 4308 —Best Black		5/6	6/9		– ,,
N 6527 —Iron, with wood handle, 15 × 1⅛ inch					2/3 ,,
N 6528 —Beech Wood, 24 × 2½ inch					1/2 ,,

No 1 Size



REGISTERED MITRE CUTTING MACHINE.

N 6522

No 1 Size

To cut 2 inch mouldings

Mitre cutting machine complete ... 11/6
Extra cutter ... 2/3

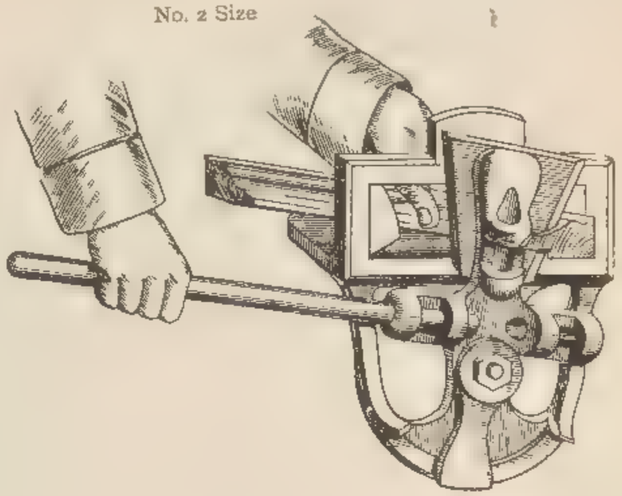
No 2 Size

To cut 4 inch mouldings.

Mitre cutting machine complete ... 20/-
Extra cutter ... 3/9

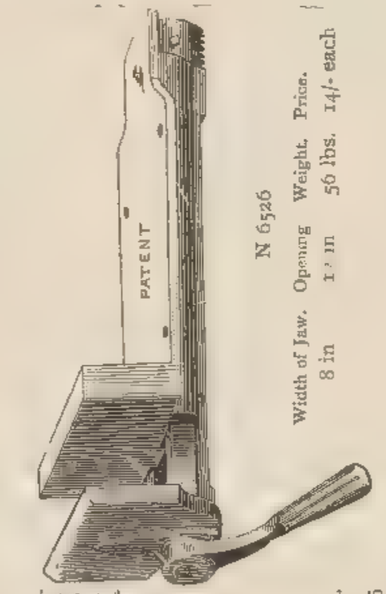
Inv ua le to Joiners, Picture frame Makers, and Amateurs

No. 2 Size



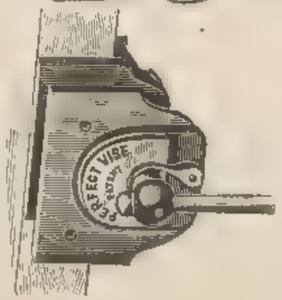
Each machine is carefully adjusted and tested The moulding is held as shown above, care being taken that it bears against guide-pin at back, also that a very light shaving be taken off for the finishing cut

"INSTANTANEOUS GRIP" BENCH VICES.



N 6526

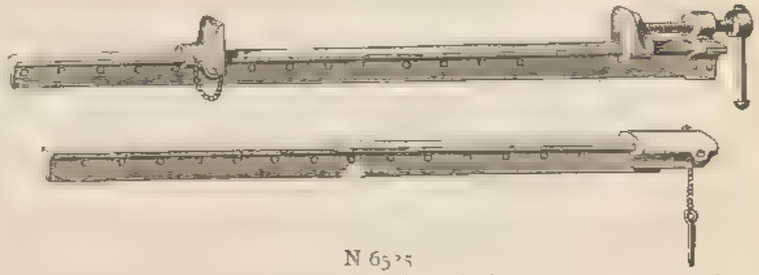
Width of Jaw.	Opening	Weight.	Price.
8 in	1[illegible] in	56 lbs.	14/- each



N 3082.

Width. No of Jaw.	Opening	Weight.	Price.
10—9 in	12 in.	44 lbs	14/
10A—7 in	6 in.	25 lbs	10/6
11 10½in	12 in	49 lbs.	16/-

BEST WROUGHT IRON CARPENTERS' T CRAMPS.

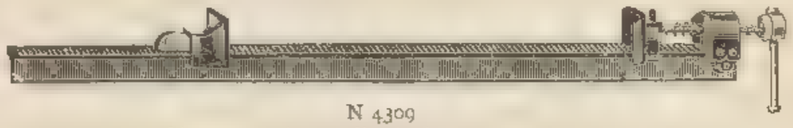


N 65[illegible]5

Prices—Length of bar, 42 inches will take in 35 inches ... .. 11/6 each.
,, ,, 48 ,, ,, 41 ,, ... 12/9 ,,
,, ,, 54 ,, ,, 47 ,, . 13/- ,,
,, ,, 60 ,, ,, 53 ,, ... 13/3 ,,
,, ,, 72 ,, ,, 65 ,, ... 14/- ,,

Lengthening bars 24 36 48 inch [illegible] each

PATENT STEEL T CRAMPS.



N 4309

Prices—Length of bar, 36 inches, will take in 30 inches . 14 6 each
,, 42 ,, 36 . 14 6 ,,
,, ,, 48 ,, ,, 42 15 - ,,
,, ,, 54 ,, ,, 48 ,, 15 6 ,,
,, ,, 60 ,, ,, 54 ,, 16 ,,
,, ,, 72 ,, ,, 66 18 ,,

Lengthening bars, 36 inches, 7/6 each

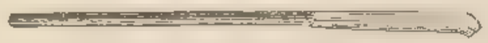
SASH CRAMP.

Length of bar	18	24	30	36 inch
N 4310 -Prices	8/9	10/-	11/6	13/- each

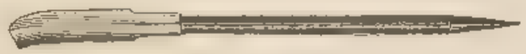
The varieties described represent in many cases but a small selection from those supplied. Further details will be sent on receipt of requirements.

CONTRACTORS' TOOLS, &c.

SOLID STEEL CROW AND JUMPER BARS.



N 6530



N 6531

N 6532

N 6533.

N 6530 } 4d. to 5d. per lb., according to quantities and sizes
N 6531 }
N 6532 — 4½d. to 5½d. ,, ,, ,, ,,
N 6533 — 6d. to 8d. ,, ,, ,, ,,

SHOVELS, SPADES, &c.

N 6534 N 6535. N 6536 N 6537A N 6538

		10	11	12	13	14	
N 6534. All steel, round nose, Bristol		20,6	22/3	24/-	27 9	31/3	dozen
		1,11	2/1	2,3	2/7	2/11	each

	No. 1	2	3	4	5	
N 6535 — All steel, London	12/-	12,6	13/-	14/-	15/-	dozen
	1/2	1/3	1/4	1/5	1/6	each
N 6536 — All steel, navvy	19/10	20/6	21/9	22/10	24/-	dozen
	1 10	1 11	2,-	2,2	2,3	each

	No. 2	3	
N 6537A Square point Grafting Tool	26 6	27 9	dozen
	2 6	2 8	each

N 6538 — London Mud Scoop ... 30/- dozen; 2/9 each.

SOLID STEEL PICKAXES.

STAMPED EYE.

N 6539.
Double pointed, 27/- doz
2/6 each.

N 6540.
Chisel and point, 27/- doz
2/6 each.

PICKAXE HANDLES.

39 in., best English ash or best hickory, 7 doz 5d each

GALVANIZED BRICKLAYERS' HOD.

N 6541.

Top, 16 × 11 in .. Light, 5 6
,, 17 × 16 in .. Strong, 9,6

GALVANIZED RIVETTED BUCKETS

N6542.—Hoop foot & forged ear

12	13	14	inches
14/3	15,9	17/9	dozen
1/4	1,6	1,8	each

N6543 Forged foot & forged ear

12	13	14	inches
18,3	19/9	21,6	dozen
1/9	1/10	2/-	each

N6544 Extra strong contractor's solid forged rim and foot
13 in 31 6 dozen 2/11 each

N6545 Straight sides hoop foot and forged ears
13 in., 23,6 dozen; 2,2 each

N 6550

STONE LEWIS.

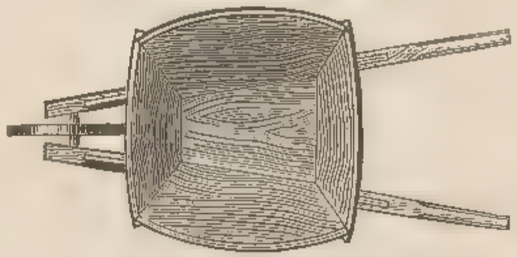
Shackles, ½ in diameter	...	3/6 each
,, ⅝ in ,,	..	3/9 ,,
,, ¾ in ,,	..	4/- ,,

BARROW WHEELS.

N 6551.

Wrought iron and axle, tyre 1½ in wide ... ... } 16 18 inch / 7/6 8/- each
Thimbles for above 1/2 pair extra
If in dozens, 10 per cent less
For cast iron, see page 190

NAVVY BARROWS.



N 6558 Made of well-seasoned timber, 15/6 each
N 6559 — Ditto ditto stronger, 17/6 ,,

TRUCK WHEELS, AXLES, AND TRAM RAILS.

N 6565 — Prices on receipt of requirements

STONE HAMMERS.

1 to 3 lbs

N 6556

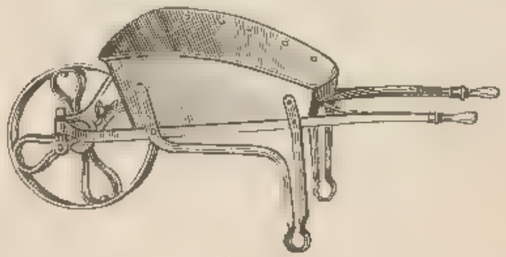
All cast steel ... . 8d per lb

QUARRY SLEDGE HAMMERS.

N 6557.

All cast steel, 6 lb and upwards, 6d per lb.
As patterns of Quarry Sledges differ so much, it is desirable to send particulars of faces with order

STABLE OR GARDEN BARROWS.



N 6563

Strong Wrought iron, galvanized body, painted framework
Price 34/- each; if with wide tyred wheels, 2 6 extra

TIPPING SKEPS.

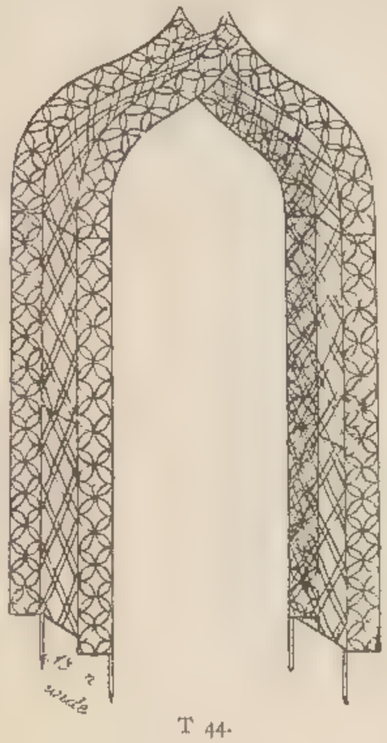
N 5532

Improved pattern, ¼ in plates, angle iron ring at bottom, half round band at top

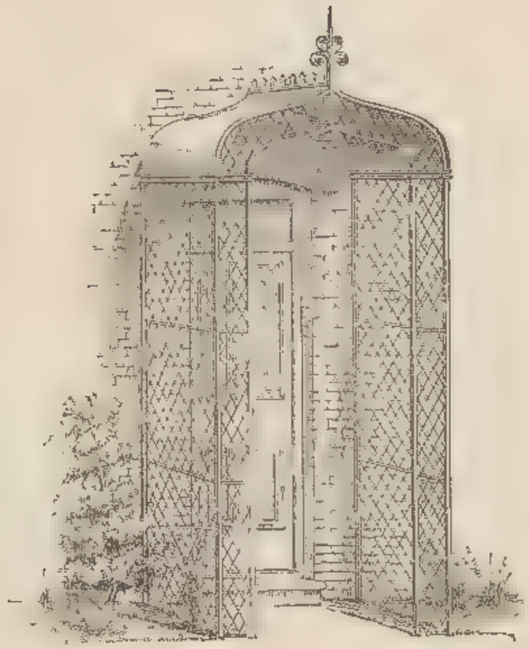
To contain ½ cubic yard	...	5 17	0	each
,, ⅝ ,,	...	6 5	0	,,
,, ¾ ,,	..	7 4	0	,,

The varieties described represent in many cases but a small selection from those supplied.
Further details and special quotations for large quantities will be sent on receipt of requirements

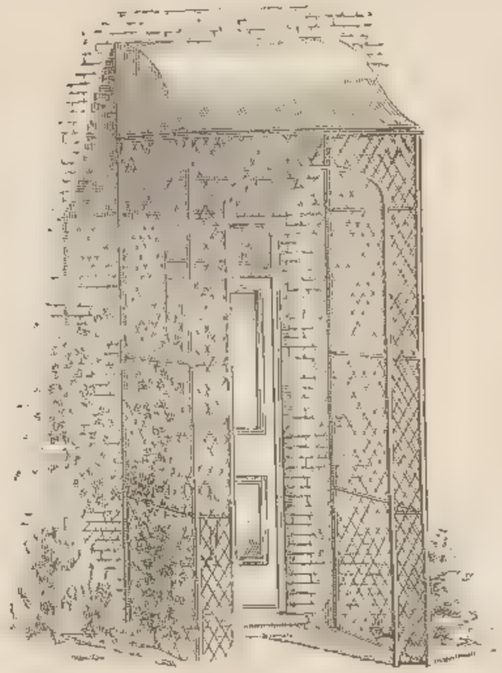
GALVANIZED WIRE GARDEN ARCHES AND PORCHES.



T 44.
7 ft. 6 in. high × 4 ft 6 in wide,
35/- each.



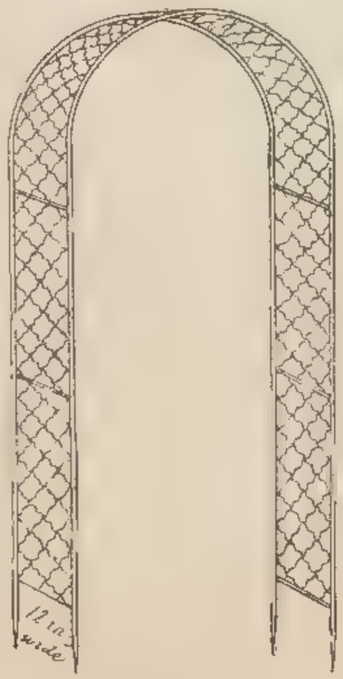
T 46 ... ... £2 17 6 each
10 ft high at back; 5 ft wide outside, 2 ft deep



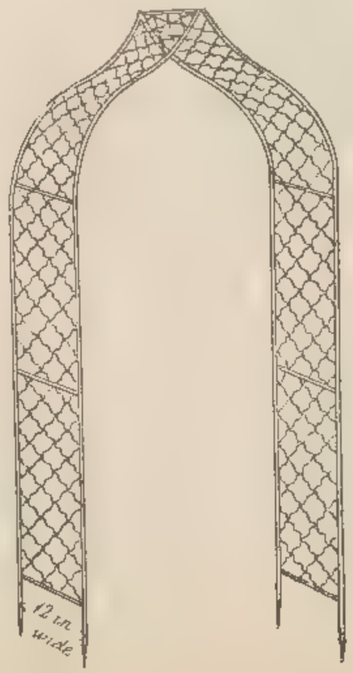
T 47 ... ... £2 12 6 each

Constructed of strong Galvanized Wire Lattice, on Painted Angle Iron Framing, with self-fixing Bases
Roof of stout Sheet Zinc with cresting and finial

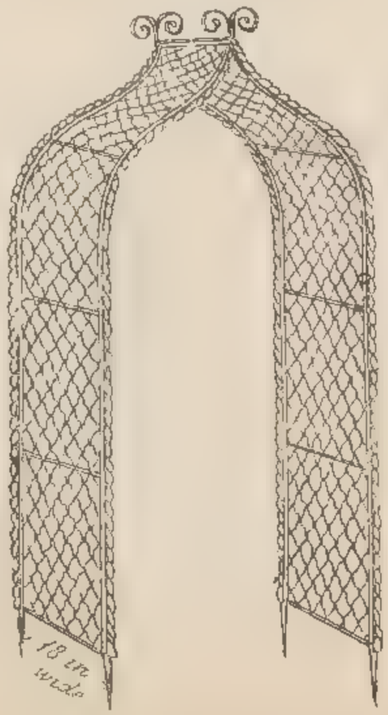
T 41
7 ft high × 4 ft wide .. 24/- each
If Painted instead of Galvanized,
30/- each



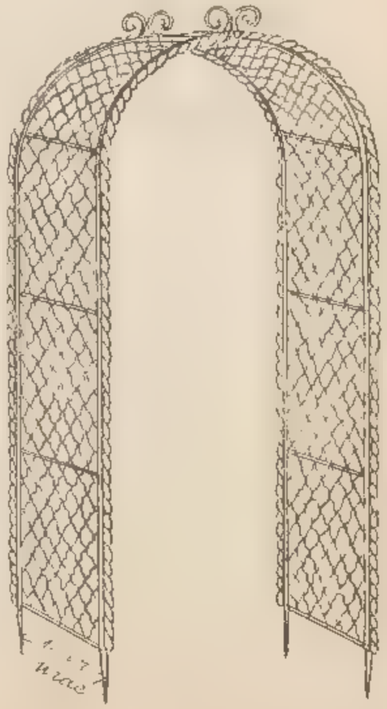
T 38 ft high × 4 ft wide . 6 0 each
Stronger ditto with Wire work 18 in wide . 12 0 "



T 39 —7 ft high × 4 ft wide . 10 0 each



T 42 —8 ft high × 4 ft 6in wide 20/- each

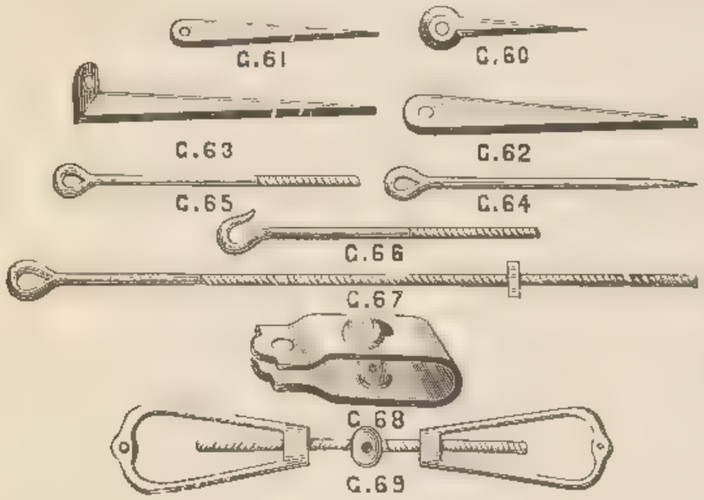


T 45 —7 ft high × 4 ft wide . 10/- each

Heights given are out of ground. *Can be made to any other dimensions to order.*

CORRUGATED IRON, WIRE NETTING, &c.

FITTINGS FOR WIRING GREENHOUSES & WALLS.



G 60 —Cast Driving Eye, 2 inches long, Black, 1/- per gross; Galvanized, 1 6 per gross.

G 61 Wrought Galvanized Driving Eye, 4 inch, 5/- per gross, 5½d. per dozen; 5 inch, 5,6 per gross, 6d. per dozen

G 62 Wrought Galvanized Holdfasts, 6 inch long, for G 67 Straining Bolts, 7/- per gross, 8d per dozen

G 63 Wrought Galvanized Holdfasts, 6 inch long for G 68 Raidisseur 11/6 per gross, 1/1 per dozen

	3	4	5	6	8	10	12 inches
G 64 Wrought Galvanized Driving Eyes...	4/-	4/9	5/6	8/-	10/-	15/6	17/6 gross
G 65 —Ditto, Screw Eyes ..	4½d	5½d.	6d.	9d.	11d	1/5	1/8 dozen.
G 66.—Ditto, Screw Hooks							
G 71 —as G 65, but cheaper make	2/9	3 3	3 9	5/6	6/9	10/3	11/9 gross.
	3½d	4d	4½d.	6d	7½d.	1/-	1/1 dozen.

G 67 Wrought Galvanized Straining Bolts, 4 inch × ½ inch, 16/- gross, 1/6 doz 8 inch × ½ inch 21 6 gross, 2/ doz 12 inch × ½ inch 28 6 gross, 2 8 doz 12 inch × ⅝ inch 40 gross, 3 9 doz , 15 inch × ⅝ inch, 45 gross, 4 4 doz For larger sizes, see page 86

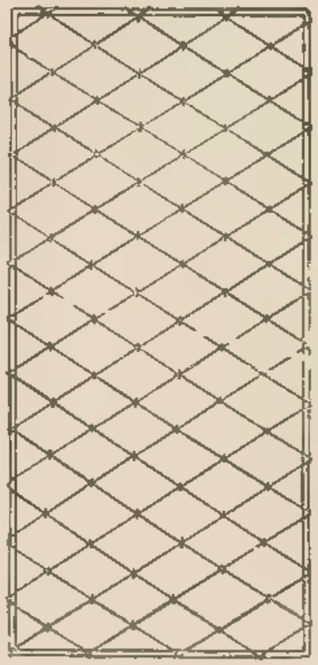
G 68 Galvanized Raidisseurs, 33 gross, 3 - dozen Keys 2 1 each

G 69 Double Straining Screw Back, 1 9 each

G 70 Galvanized Wire, suitable for walls, No 13 G 1 6, 14 G, 1,3 per 100 yards

Quotations for Galvanized Wrought Iron Straining Bars, &c, for Greenhouse Roofs, on receipt of requirements

GALVANIZED HAND-MADE TRELLIS.

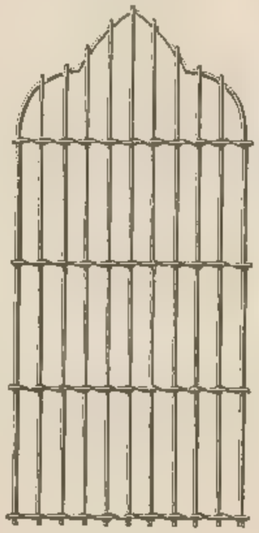


G 72.

¾ inch Mesh	8½d	per square ft
1 ,,	8½d.	,,
1¼ ,,	8d	,,
1½	7½d	
2 ,,	7d	,
2½ ,	6d	
3 ,,	4 d	,
4 ,,	3½d	,,

Width of less than 1 foot charged as 1 foot.

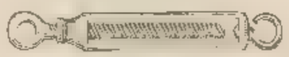
GALVANIZED HAND-MADE LATTICE.



G 73

6d per square foot either.
3½ inch × ½ inch Mesh, Lattice wires, 14 G Frames, 12 G. or
¾ inch × ¼ inch Mesh, Lattice wires, 13 G. Frames, 11 G.
Circular or arched heads measured square.

GALVANIZED WIRE STRAINERS.

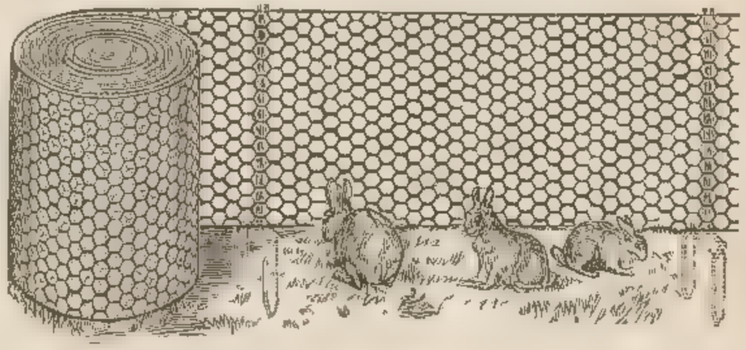


G 75

Length of Screw—

3	4	5	6 inches
8d	1/1	1/4	1/6 each.

GALVANIZED MACHINE-MADE WIRE NETTING.



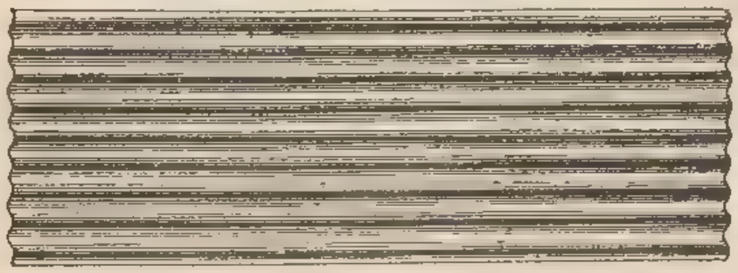
G 74

Rolls contain 50 yards Prices quoted are for 2 feet wide ½ to ¾ inch supplied up to 7 feet wide, 1 inch and upwards up to 8 feet wide, at proportionate prices Cut lengths supplied from stock only

Wire Gauge No	22		20		19		18	
	Per Roll.	Pr. yd if cut.	Per Roll.	Pr yd if cut.	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr yd. if cut.
½ inch	21/-	5½d	25/3					
⅝ inch	15/9		19/6		23 9	6d	..	
¾ inch	..	.	12/9		1[illegible] 3	4½d	19	
1 inch	...	..			11 6		14[illegible]	3½d

Wire Gauge No	19		18		17		16		15	
	Per Roll	Pr yd if cut	Per Roll	Pr yd if cut	Per Roll	Pr yd if cut	Per Roll	Pr yd if cut	Per Roll	Pr yd if cut
1½ inch	7 6		9 -	2½d	11 6		15			
2 inch	5 6		7	2d	9 3		12			
2½ inch ...	5/3	...	6/6	...	8/4	..	10/9			
3 inch .	4,6	..	5,6	...	7/-	. .	8/9		10 3	
4 inch ..	...	...	...	..	5/6	...	6,6		8 4	

BEST GALVANIZED CORRUGATED SHEETS & CAPPING, FOR ROOFING. (Prices on application



Supplied in any length up to 12 feet and to 10-3 inch corrugations wide.

Gauge	Weight per square, *i.e.*, 100 ft. super, including laps. About cwt.	qrs.	lbs.	Price per cwt.
18	2	2	0	For Sheets 5 6, 7 or 8 feet long, × 8 3 inch corrugations, or 2 feet 2 inches wide
20	2	0	0	
22	1	2	21	
24	1	1	7	
26	1	0	0	

Approximate Weight of Sheets

8 3 inch corrugations in width, which cover 2 feet in width after allowing for laps
(Only width kept in stock)

	18 WG.	20 WG.	22 WG.	24 WG.	26 WG.	
5 feet long	26	22	17	14	10	lbs per sheet
6 ,,	31	26	21	17	12	,,
7 ,,	36	30	24	20	14	,,
8 ,,	41	34	28	23	16	,,
9 ,,	46	38	31	26	18	,,
10 ,,	52	43	34	29	20	,,

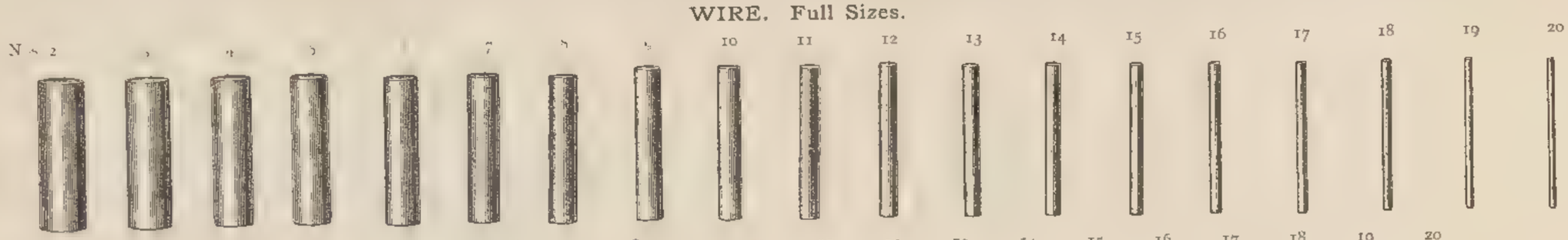
Extras—

Sheets 3 and 4 feet long	1/-	per cwt.
,, 9 feet long	6d	,,
,, 10 ,, ...	1/	,,
Curving	1/	to 1/6
Punching one side and one end ready for fixing	1/-	,, per gross.
Galvanized Bolts and Nuts, ¾ inch × ½ inch		
,, Hook Bolts & Nuts, 3, 3½, 4 × ½ inch		

Ridge Capping, 15 inch girth, 24 gauge, in 6 feet lengths, per foot					
,, 18 ,, 22 ,, ,,					,,
,, 18 ,, 20 ,, ,,					,,
				per lb.	per cwt.
Galvanized Cone Head Nails,			2½ inch long	(27 to lb.)	
,, ,, ,,			3 ,,	(20 ,,	)
,, ,, Screws,			1½ ,,	(65 ,,	)
,, ,, ,,			2 ,,	(50 ,,	)
,, ,, ,,			2½ ,,	(31 ,,	)
,, ,, ,,			3 ,,	(21 ,,	)
,, ,, Fat driving ,,			2½ ,,	(38 ,,	)
,, ,, ,,			3 ,,	(26 ,,	)
,, Rivets, ⅜ inch × ¼ inch				(87	)
,, Washers				(63 ,,	
Lead Washers ...				78 ,,	

IRON WIRE, FITTINGS, AND PERFORATED ZINC.

WIRE. Full Sizes.



Standard wire gauge ...	Nos	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Weight of 100 yards ..	about	58 9	49 1	41 6	34 8	28 5	24	19 8	16	12 7	10 4	8 4	6 5	5	4	3 2	2 4	1 8	1 2	1 lbs
Length per cwt ...	about	190	228	269	322	393	467	566	700	882	1077	1333	1723	2240	2800	3500	4667	6222	9333	11200 yards
Bright wire																				per cwt
Galvanized wire ...																				per cwt.
								Nos 0 to 6								Nos 0 to 8			9	10

Best rolled fencing wire .. .. per cwt

" Galvanized Fencing wire ... . "

Best annealed drawn fencing wire .. ... per cwt

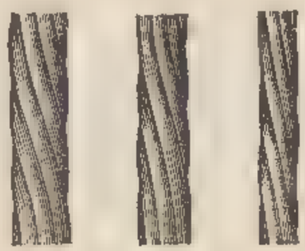
Best prepared bright " ... "

Best annealed drawn galvanized " ... "

Oiling or Varnishing, 6d. per cwt extra. The length of Galvanized Wire per cwt is 5 per cent less than Bright

GALVANIZED STRAND WIRE

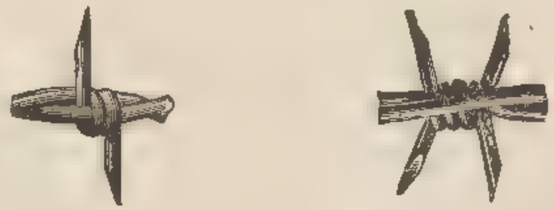
(7 wires).



Nos	2	3	4	5	6
Length per cwt about	260	286	326	430	510 yards

Price ... ... per cwt.

GALVANIZED STEEL BARB FENCING WIRE.



	Weight of 100 yards.	Length of 1 cwt.	Price per cwt
4 point ordinary, barbs round one wire only, 6 in. apart	20 lbs	560 yds	
4 point thick set, " "	3 "	25 "	448 "

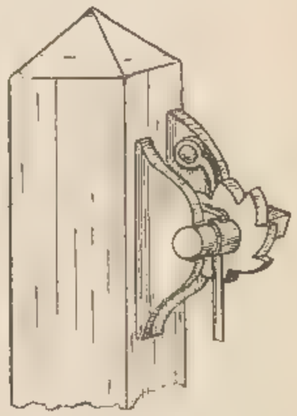
Reels containing 56 lbs and 112 lbs free.

In ¼ cwt reels ... . per cwt extra.

MACHINE CUT STAPLES, Diamond Points.

G 76 — 1½ in × 8 gauge (1 lb 8 ozs. per 100)
1¾ in × 6 gauge, (1 lb 12 ozs per 100).
Bright, 16/- cwt ; 2½d lb
Galvanized, 22/6 per cwt , 3d per lb

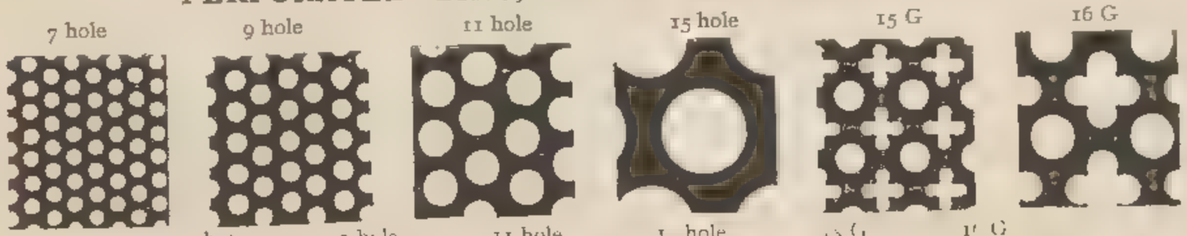
CAST IRON STRAINERS FOR WOOD POSTS.



G 77

Price, 7/- per dozen

PERFORATED ZINC, IN SHEETS 8 feet × 3 feet.



	7 hole	9 hole	11 hole	15 hole	15 G	16 G
Price ..						per square foot.

Prices of above on application.

GALVANIZED STRAINING EYE BOLTS WITH NUTS AND WASHERS.

G 67

Size	12 in × ½ in	15 in × ½ in	18 in × ½ in.	12 in × ⅝ in	15 in × ⅝ in.	18 in × ⅝ in
Price	5	5 "	9	7 3	8 9	10 per doz.

For smaller sizes, see page 85

EXPANDED METAL, FELT, AND SLAG WOOL.

THE NEW EXPANDED METAL.

By means of a recent invention the process of manufacturing Expanded Metal has been so completely revolutionised that the material now produced is not only improved, but vastly cheapened, and is made in such increased varieties of weights and size of meshes, as to greatly enlarge the scope of its usefulness

Below are given some of the uses to which the Metal is especially adapted, and to which it is more readily and economically applied than any form of wire or other metal work

FOR SOLID PLASTER PARTITIONS 2 inches thick, with Expanded Metal Lathing Fire-proof, vermin-proof and practically sound-proof

FOR FIRE-PROOF LATHING, for attaching to wooden joists and studs, for walls and ceilings, also for suspended ceilings, ornamental mouldings encasing columns, girders, &c —no cracking or falling away of plaster to be feared

FOR CONCRETE FLOORS, the results and advantages will be better understood by perusal of the report which will be sent on application

FOR EXTERIOR WALLS OF BUILDINGS Cement applied to Expanded Metal is not liable to crack or fall away through changes of temperature

FOR FENCING, TREE GUARDS, AND WINDOW GUARDS

CATALOGUES AND PRICE LISTS can be obtained on application. Also copy of a Report by an Eminent Firm of Engineers on the use of Expanded Metal in Concrete

It is made in Sheets, up to 8 feet square, and of the following various sizes of meshes, and gauges of strands –

No					
14	6 in mesh	$\frac{3}{16}$ in	×	$\frac{1}{8}$	in metal
12	6 in	$\frac{1}{4}$ in	×	$\frac{1}{8}$	in ,,
13	6 in	$\frac{1}{4}$ in	×	[illegible]	in ,,
15	3 in	$\frac{3}{8}$ in	×	$\frac{1}{8}$	in ,,
7	3 in	$\frac{1}{4}$ in	×	[illegible]	in ,,
9	3 in	[illegible] in	×	$\frac{1}{8}$	in ,,
8	3 in	$\frac{1}{4}$ in	×	[illegible]	in
12	3 in	$\frac{3}{16}$ in	×	[illegible]	in ,,
10	3 in	$\frac{1}{4}$ in	×	$\frac{3}{16}$	in ,,
2	$\frac{1}{4}$ in	$\frac{1}{2}$ in	×	18 Bwg	,,
1	$\frac{1}{4}$ in	$\frac{1}{2}$ in	×	20	,,
4	$\frac{1}{4}$ in	$\frac{1}{2}$ in	×	16	,,
6	$1\frac{1}{2}$ in	$\frac{1}{8}$ in	×	16	,,
5	$1\frac{1}{2}$ in	[illegible] in	×	18	,,
1	$\frac{3}{8}$ in	,, $\frac{3}{32}$ in.	×	24	,, for lathing.

In ordering special sizes, please specify whether the length of the sheets are to be measured lengthwise or crosswise of the meshes

Stock Sizes of No 1 used for Lathing
6 ft × 2 ft × $\frac{3}{8}$ in. mesh
7 ft × 2 ft × $\frac{3}{8}$ in. ,,

FELT.

(Discounts upon application)

Felt, either Roofing, Sarking, or Inodorous, should be placed under all Slates, Tiles and Zinc upon Roofs

Being a non-conductor, it prevents radiation of heat in Summer, and the escape of it in Winter. It makes a better bed for Slates or Tiles, and being water-proof, in case of Slates shaking or cracking stops damp from making its way into the house Its extreme cheapness makes the extra cost of no account when the great benefit and comfort derived from its use are considered

ROOFING FELT —Makes a light, cheap and durable Roof, about $\frac{1}{16}$ inch thick When used with Asphalte laid on Brick Arches, Platforms or Floors it prevents cracks or fissures

In rolls 25 yards long, 32 inches wide, containing 200 square feet 8d per running yard, or 1d per square foot

SLATERS' OR SARKING FELT Is of the same character as Roofing Felt, but thinner (about $\frac{1}{8}$ of an inch thick) and more pliable. For this reason it is easier worked under Slates.

In rolls 25 yards long, 32 inches wide containing 200 square feet 6d per running yard, or $\frac{3}{4}$d. per square foot

INODOROUS FELT Lining Damp Walls, Preserving Wall Papers and Deadening Sound Highly recommended for Metal Buildings About $\frac{1}{8}$ inch thick

In rolls 25 yards long, 32 inches wide, containing 200 square feet 8d per running yard or 1d per square foot

The above Felts delivered free to any Railway Station in quantities of 6 Rolls and upwards

FIBROUS ASPHALTE OR FOUNDATION FELT.—An effectual remedy to prevent damp rising It will not crack under pressure, as Pitch or Asphalte does when applied alone Accommodates itself to any settlement of foundations

USUAL SIZES

$4\frac{1}{2}$ × 32	14 × 32	23 × 32	30 × 32
9 × 32	18 × 32	27 × 32	36 × 32

$1\frac{1}{2}$d per square foot

Other breadths to order at proportionate prices

NON CONDUCTING DRY HAIR FELT —For covering Hot Water and Steam Pipes to prevent radiation of heat, covering Water Pipes and Cisterns to exclude the frost, and lining under Roofs, &c., to equalise the temperature In sheets 34 inches × 20 inches

No 0	About $\frac{3}{4}$ lb	per sheet	price 6d	in frames of 100 sheets each			
No 1.	,, 1 ,,	,,	,, 7d	,,	,, 100	,,	,,
No 2	,, $1\frac{1}{2}$,,	,,	,, 9d	,,	,, 100	,,	,,
No 3	,, 2 ,,	,,	,, 11d	,,	,, 50	,,	
No 4	$2\frac{1}{2}$		1 [illegible]		50		
No 5	,, 3 ,,	,,	,, 1,3	,,	,, 50	,,	,,

Also made in long lengths at proportionate prices

A Large Stock always on hand, except Foundation, which is made to order

SILICATE COTTON OR SLAG WOOL

Is a Pure Mineral Fibre made from Cleveland Slag Best non-conductor extant Fire, Sound, Frost and Vermin Proof

The advantages of Silicate Cotton as a non-conductor and non-radiator of heat or cold are now well established, and in all instances where it is necessary to prevent the transmission of rarefied air it stands unrivalled

It may be applied in a variety of ways, in the loose or natural form, by packing it underneath Sheet Iron, Zinc, Wooden Lagging, Canvas or Cardboard, woven with Yarn or Wire in Strips, or Felted with Netting

It is used for Pugging Floors and Lining Walls in Buildings; for covering Steam Boilers, Pipes and Cylinders; Super-heated Steam Pipes and Exhaust Combustion Pipes of Gas Engines, Cold Water Pipes, Tanks and Cisterns, for lining Refrigerators Ice-houses Brewery Cellars, Winerooms, Bulkheads and Decks

One Ton will cover 1800 super feet 1 inch thick

Price ... ... per cwt

Full particulars and prices of non-conducting Silicate Cloth for covering Steam Boiler Pipes, &c., on application

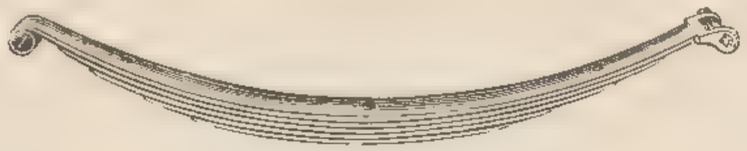
Oakey's Best Flexible Cabinet Glass Paper, No. 0, 1, $1\frac{1}{2}$, F2, M2, S2, $2\frac{1}{2}$, 3 ...	Per ream
,, Best Glass Cloth, No 1, $1\frac{1}{2}$ M2 $2\frac{1}{2}$	
,, Best Emery Cloth, No. 0, FF, F, 1, $1\frac{1}{2}$, 2, $2\frac{1}{2}$ ...	
,, Best Emery Powder, No Flour, 0, 1, 2, 3, 4 . .	Per lb
Cow Hair, for Plasterer's use, in $\frac{1}{2}$ or 1 cwt bags	Per cwt
Glue, best pale, No. 1	per cwt
,, No. 2	,,

Oils and Colors of every description.

Prices on application

SPRINGS AND SCROLL IRONS.

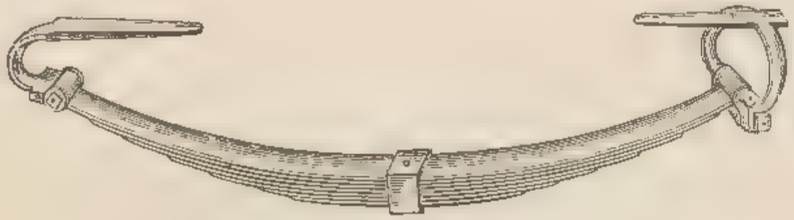
N 1
GRASSHOPPER CART SPRING AND SCROLL IRONS.



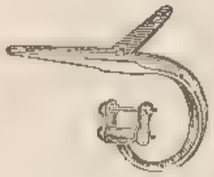
N 2
DOG CART SPRING.
With open head at one end, and ⅝ inch hole the other

N 3.
SIDE SPRING.
With D Shackles for Cross Spring.

N 4.
CROSS OR BACK SPRING.
To fix with D Shackles

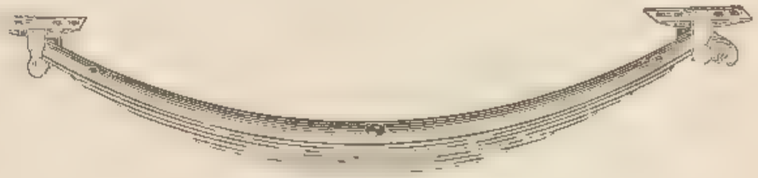


N ,
VAN SPRING.
With Globe Scroll Iron one end, and hoop in centre, eyes up



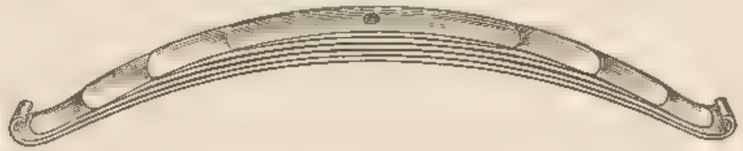
N 11.
CROSS FLAP SCROLL.

N 12
BRIDGE SCROLL.

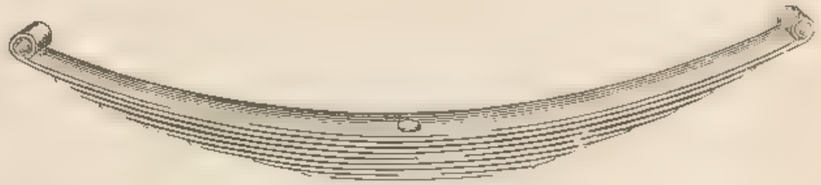


N 6
GRASSHOPPER SPRING WITH DUMB JACK SCROLLS.
Hind end to slide

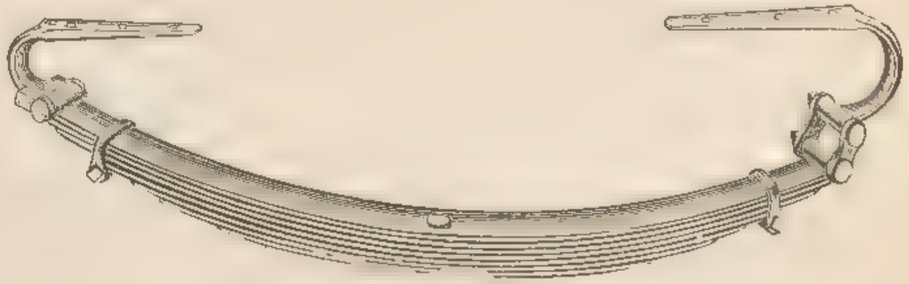
N 7
ELLIPTIC SPRING.
Black or Bright.



N 8
CHECK SPRING.
To fix crosswise under body with ends to slide



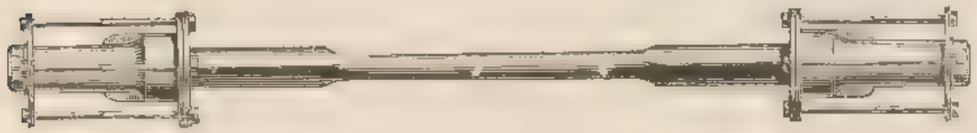
N 9
VAN SPRING.
With eyes up



N 10
HEAVY CART SPRING.
With second leaf brought round eye, and clips for tipping, eyes up

For prices of above see page 90. The varieties described represent in many cases but a small selection from those supplied. Further details and special quotations for large quantities will be sent on receipt of requirements.

FOR PRICES, SEE PAGE 90.

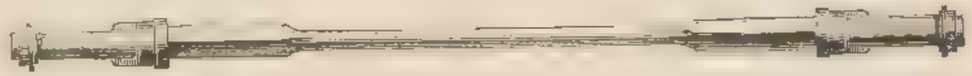


N 13.
LONG BOLT MAIL AXLE WITH BRASS CAPS.
Sizes—1 inch to 2 inch diameter

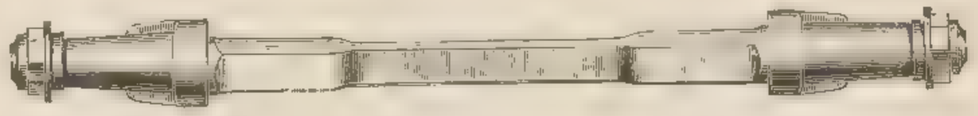
N 14
LONG BOLT MAIL AXLE WITH CAULKED FLAPS.
Any other pattern Flap may be substituted

N 15
LONG BOLT MAIL AXLE, CRANKED, and with CAULKED FLAPS.
Any other pattern Flap may be substituted

N 16
COMMON AXLE WITH IRON NUTS.
Sizes 1 inch to 2 inch diameter

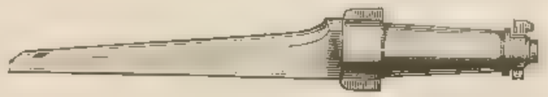


N 17
COLLINGE'S AXLE.
Sizes—1 inch to 2 inch diameter.



N 18.
DRABBLE'S VAN AXLE, WITH SCOTCH BED.
Also supplied with Round Bed
Sizes 1½ inch to 3 inch diameter

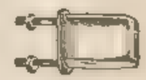
N 19
TURNED CART AXLE, STEELED, WITH SCOTCH BED.
Bright Collett and Lynch Pin



N 20
TURNED CART ARM, STEELED.
With Bright Collett and Lynch Pin
Also supplied with bright washer Sizes—1½ inch to 3 inch

N 22
AXLE CLIP.
Caulked

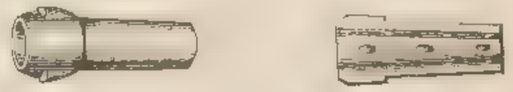
N 21.
SCRAP ARM MOULD.



N 23
SPRING CLIP.
Half round, with coupling

N 24
COLES' LIGHT PIPE BOXES.

N 25
MAGGS' PIPE BOXES.



N 26.
THUMB PIPE BOXES.

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

SPRINGS AND AXLES.

PRICES OF SPRINGS AND SCROLL IRONS, AS ON PAGE 88.

CART AND VAN SPRINGS, Grasshopper Shape, as N 1, 2, 3, 4, 5, 6, 8, 9, 10

BLACK, 4 Plates and up, 2¼ & 2½ in wide and above	...	21/3	per cwt	2½d	per lb
Ditto, " " 2 in " "	...	22/-	"	2¾d	
Ditto, " " 1¾ in " "	...	23/3	"	2¾d	
Ditto, " " 1½ in " "	...	26/6	"	3d	
Ditto, " " 1¼ in " "	...	31/6	"	3½d	

BRIGHT ditto, 5/- per cwt, or ¾d per lb extra

1¼ and 1½ in, 5 plates, not weighed when shorter than 3 ft. 6 in

BLACK TRUCK SPRINGS, 2 plates, 4/3; 3 plates 5/8; 4 plates, 7/ per pair

Extras Open Heads, as N 2, 1/6 each extra, Caps for Tipping, as N 10, 9d each Spring extra
Hoops in centre, as N 5, 8d per Hoop extra
Thickened Ends for sliding, 4d per End extra
Holes through middle of spring (for fixing), ¾d. per plate extra

Shackles

"D," as No N 3, Black, 1½ in × ⅜ in, 1/9; 1¾ in × ⅜ in 1/10½; 2 in × ⅜ in, 2/; 2 in × 7/16 in, 2/3; 2¼ in × 7/16 in, 2/4½ per set; Bright, 1/- per set extra, Bright Barrel, single, 3/9, double, 4/6 per pair, Bright Cross, 2/9 per pair, Pipe Eye or Malvern, Bright, 1½ in and 1¾ in., 2/3 per pair

Approximate Weight of Springs

3 ft 6 in long, 1½ in × ¼ in; 5 Plates, 34 lbs, 6 Plates, 40 lbs
3 ft 6 in " 1¾ in × ¼ in; 5 Plates, 38 lbs; 6 Plates, 45 lbs, 7 Plates, 52 lbs
3 ft 6 in " 2 in × ¼ in; 4 Plates, 36 lbs; 5 Plates, 45 lbs., 6 Plates, 53 lbs, 7 Plates, 61 lbs, 8 Plates, 70 lbs
4 ft 0 in " 2 in × ¼ in, 4 Plates, 40 lbs; 5 Plates, 52 lbs., 6 Plates, 60 lbs; 7 Plates, 70 lbs; 8 Plates, 78 lbs
4 ft 0 in " 1¾ in × ¼ in; 5 Plates 45 lbs, 6 Plates, 53 lbs; 7 Plates, 60 lbs.; 8 Plates, 68 lbs

	1½	1¾	2 in
PLAIN SCROLL IRONS, Light for springs, up to 5 Plates, Black ...	5/3	5/6	5/9 per set
Ditto do do do Bright ...	7/-	7/3	7/6 "

Ditto Black, heavy, 32/6 per cwt; 4d per lb
Ditto Truck, Black, 1½ in, 5/-; 1¾ in, 5/3; 2 in × ⅜ in 5/6 per set

GLOBE SCROLLS, as No. N 5, or Bridge as No N 12, Black
1 in × ⅜ in bolt, 8/9, 1¼ in × ⅜ in bolt, 9/-, 2 in × ⅜ in bolt, 9/6 per set
2 in × ½ in bolt, 9/9; 2¼ in × 7/16 in bolt, 10/4 per set
2¼ in. × ½ in bolt, 11/3, 2½ in × ½ in bolt, 11/8 per set
Sets of one pair Globe or Bridge and one pair Plain are charged in proportion

DUMB JACK SCROLLS, Wrought, as No N 6, 1¾ in × ⅜ in, 3/10; 2 in × ⅜ in, 4/- 2 in × 7/16 in, 4/2; 2¼ in × 7/16 in, 4/4, 2¼ in and 2½ in × ½ in, 4/9 per pair

N 11 —CROSS FLAP SCROLLS, 1½ in. and 1¾ in × ⅜ in, 7/9, 2 in × ⅜ in bolt, Black, 8/6 per set
Ditto, with step on near side, 1½ in., 10/-, 1¾ in, 10/4; 2 in, 11/- "

N 7 ELLIPTIC SPRINGS, 2 Plates, any length, Black, 22/6, Bright, 26/6 per set
Ditto, 3 Plates, " " 26/6; " 31/6 "

Ditto, 2¼ in & 2½ in, 4 Plates and above, Black,	29/-	per cwt.,	3½d	per lb.;	Bright,	4d	per lb
Ditto, 2 in ditto	30/-	"	3½d	"	"	4½d	"
Ditto, 1¾ in ditto	32/-	"	3¾d	"	"	4¾d	"
Ditto, 1½ in ditto	35/	"	4d	"	"	4¾d	"

INDIA RUBBER HEADS, 10/9 per set extra

Unless instructed otherwise we measure the compass of Springs when they are "down" eyes, from TOP of eyes to outside; when eyes "up," from CENTRE of eyes to outside. Lengths taken to centre of eyes Springs are sent with eyes "down," unless otherwise ordered

PRICES OF AXLES, CART ARMS, PIPE BOXES, &c., AS ON PAGE 89.

AXLES Sizes	1	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2 in dia
N 13 Long Bolt Mail Axles, in Arms ...	16/	17/6	19/-	21/-	23/3	27/6	33/6	40/	47/ per axle
Length of Boxes	6½	7	7½	8	9	9½	10	10½	11 in
Box and Cap ...	7¼	7¾	8½	9	10	10½	11¼	11¾	12¼ in
Extra with Plain or Caulked Flaps	4/6	4/10	5/2	5/6	6/3	7/-	8/-	9/6	11/ per axle
" with Butterfly Flaps ...	7/9	7/9	8/	8/4	9/-	10/3	11/9	13/-	14/6 "
Cranked to 6 in deep ..	11/-	11/9	13/-	13/9	14/6	18/	21/9	26/-	30/6 "
Every additional inch above 6 in deep	1/4	1/4	1/6	1/6	1/8	1/8	2/	2/	3/- per in
" Shutting up Straight Axle ...	1/6	1/6	1/6	1/10	1/10	2/3	2/3	2/8	3/9 per axle
N 16 Common Axle with Iron Nuts, in Arms	11/3	13/3	15/-	17/6	21/6	24/9	30/-	35/-	42/- "
Length of Boxes	4½	5	6	7	7¼	8	8½	9	9 in
With Collet and Lynch Pin same price									
N 17. Collinge's Axles, in Arms	24/	26/	28/3	31/3	35/3	41/9	48/-	56/3	66/9 per axle
Length of Boxes	7	7½	8	8½	9	9½	10	10½	11 in
" Box and Cap ...	8¼	8⅝	9⅛	10⅜	10⅝	11¼	12	12½	13 in
Plating Caps, 1/ each Engraving Caps, 8d each									
Sizes	1½	1⅝	1¾	1⅞	2	2¼	2½	2¾	3 in dia
N 18 Drabble's Van Axle, in Arms, with Scotch Beds... ...	26/	29/-	32/-	34/9	36/6	41/	46/6	53/6	66/6 per axle
Extra with Plain or Caulked Flaps	4/9	6/-	7/-	7/9	8/9	11/3	13/3	16/-	19/3 "
Cranked to 6 in deep	39/-	45/6	51/-	57/	64/-	77/6	94/	112/6	142/6 "
Extra for every additional inch above 6 in deep	1/6	1/6	1/8	1/8	1/8	2/9	3/-	3/8	4/6 per in
" Shutting up Straight Axle .	1/8	2/	2/4	2/9	3/6	4/9	5/6	6/-	6/9 per axle
Drabble's Patent Van Arms, flat beds	24/-	26/6	29/3	31/3	33/3	37/3	41/3	47/9	56/6 per pair

In ordering Mail Axles "Shut up," give length between loose washers and if straight bed or compassed. If flapped whether Plain, Caulked, or butterfly, and if with holes or plain, width of flap and distance between flap and loose washer. If cranked give length in bed and the distance between crank and loose washer. If with flaps state position. When order does not state the distance between the crank and loose washer, we make close up in Collinges and Drabbles, and Mail just sufficient room for the bolts to turn

NOTE.—Axles are measured on the round inside box, the square being about one-eighth of an inch [illegible]

N 19 Cart Axle, turned and steeled, with Scotch Bed, bright Collet, and Lynch Pin

Sizes	1¾	2	2¼	2½	2¾	3 in
Prices ..	14/9	19/3	24/-	30/6	35/9	43/ per axle
Extra with Boss or Swell, including drilling hole	4/-	4/9	5/-	6/-	7/6	10/ "
Shutting up	2/6	3/6	4/9	5/6	6/-	6/9 "

N 20. CART ARMS, turned and steeled, with bright Collet and Lynch Pin—

Sizes ...	1½	1¾	2	2⅛	2¼	2⅜	2½	2¾	3 in dia
Prices ...	9/3	12/	15/3	17/-	19/3	22/-	25/3	30/-	36/6 per pair of Arms
Length of Box ..	7½	8¾	9	9¼	10	10¼	10½	11	12 in

N 21 —BEST SCRAP ARM MOULDS 2 in. and above . . per cwt
1¾ in, 1 per cwt extra

N 22 AXLE CLIPS, caulked 1 in., 1/6, 1⅛ in. and 1¼ in, 1/8, 1⅜ in. and 1½ in, 2/-; 1⅝ in and 1¾ in, 2/4; 1⅞ in and 2 in, 2/8 per pair

N 23 SPRING CLIPS, half round with couplings, Black
Sizes .. 1½ in × 3 in, 1/9 3⅛ in, 1/10½, 1¾ in × 3 in, 2/-, 3½ in, 2/1½, 4 in., 2/3
2 in. × 3½ in, 2/3, 4 in, 2/4½, 4½ in 2/6, 2¼ in × 4 in, 3/3, 4½ in, 3/6 per set of 4.
Heavy 5d per lb Spring Clips are measured inside of shoulder

N 24. PIPE BOXES, Coles' light pattern

Sizes ..	1¾ in × 1¼ in × 8 in,	1¾ in × 1⅜ in × 9 in,	2 in × 1½ in. × 9½ in
	2 in × 1½ in × 10 in,	2 in × 1½ in × 11 in,	2¼ in × 1½ in × 11 in
	2¼ in × 1¾ in × 10 in,	2¼ in × 1¾ in × 12 in,	2½ in × 1⅞ in × 12 in
	2½ in × 2 in × 10 in,	2½ in × 2 in × 9 in,	2¾ in × 2⅛ in. × 10¾ in
	3 in × 2¼ in × 11 in,	15/- per cwt, 2d per lb	

N 25 —MAGGS PIPE BOXES Stock sizes, 2 in × 1⅜ in × 9½ in, 2¼ in × 1¾ in × 10 in
2½ in. × 2 in × 10½ in, 2¾ in. × 2 in × 11½ in, 3 in. × 2 in × 12 in
21/6 per cwt

N 26 —"THUMB" PIPE BOXES—

1¾ in × 1⅜ in × 9¼ in,	2 in × 1⅜ in × 9½ in,	[illegible] in × 1⅜ in × 9[illegible] in
2¼ in × 1¾ in × 10 in,	2⅜ in × 1¾ in × 10 in,	2½ in × 1¾ in × 11 in
2⅞ in × 1⅞ in × 11 in	2¾ in × 1⅞ in × 11½ in	2¾ in × 1⅞ in × 11[illegible] in
3 in × 2⅛ in × 12 in,	15/- per cwt	1d per lb

SHAFTS AND BENT TIMBER.

First Quality Lancewood Pony Shafts ...	... 9 to 10 ft, 1¼ × 2¼ to 1⅜ × 2¼ in,	14/- per pair
" Lancewood Dog Cart Shafts ..	...11 to 12 ft, 1⅜ × 2½ to 1⅜ × 2⅝ in,	17/6 "
" Lancewood Shafts selected for varnishing ...	... ...	19/- "
" Hickory Dog Cart Shafts	12 ft, 1½ × 2½ to 1¾ × 2¾ in	11/ "
" Ash Dog Cart Shafts	12 ft, 1½ × 2½ to 1¾ × 2¾ in	16/6

First Quality Ash Cart or Whitechapel Shafts	10 ft 1½ × 2⅜ to 2¼ × 3 in	[illegible] per pair
SINGLE SWEEP RAILS		4
HALF CIRCLE WINGS . .	[illegible] to [illegible] ft,	2
ASH PHAETON SHAFTS	...1⅜ in, [illegible] 1 in	4/- "

Every other description of Bent Timber supplied

The varieties described represent in many cases but a small selection from those supplied. *Special quotations for large quantities will be sent on receipt of requirements.*

COACH BUILDERS' FITTINGS.

STEP SWELL.

N 33
½ ⅝ ¾ ⅞ in dia
10½d 1/- 1/2 1/6 each

GOVERNESS CAR STEP.

N 4320
With 7½ × 6 in stamped tread
5/6 each

RUSTIC CART STEPS.

N 4321
With stamped tread
17/6 per pair

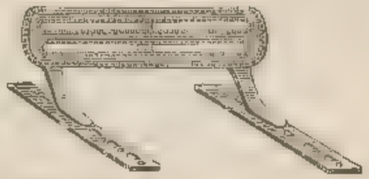
SINGLE TREAD ANGULAR STEP.

N 4322
With stamped tread.
10/ per pair

DOUBLE CART STEP.

N 4324.—With square grid plate read 13 6 per pair
N 4326.—Single do., with square stamped gridplate tread, 8/- per pair.

MOVEABLE FOOT REST.



N 4[illegible] each 13½ in, 2/- each

STUMP SOCKET.

N 32

For Pony Gig and Phaeton Lamps 1/- pair
For Brougham Lamps, 1,6 pair

DRAG SHOE OR SKIDIRON.

N 40
To any size
2 in. to 6½ in, 10/- per cwt ; 1½d per lb

STAMPED TREAD PLATES.

4¾ × 4 in	5½ × 4½ in	6 × 5 in
1/8	1/9	2/ per pair

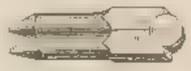
N 38

STRAIGHT HALF ROUND CLIP.

N 41

8 in.	10 in	12 in
4/-	4/3	4/6 per doz.
4½d	5d.	5½d each.

STUMP JOINT.



N 42

⅜	½	⅝	¾	⅞	1 in
1/5	1/5	1/6	2/3	3/-	3/9 per pair

SHAFT TIPS.

	N 44		N 45
N 44. Square end, beaded, 1 × 1⅛ in inside sizes	2	2¼	2½ in long
Japanned	4d	4d	4½d. per pair.
Brass	11d	11½d.	1/1 ,,
Silver plated	1/11	2/2	2/4 ,,
If without bead, same price			
N 43 Round end not beaded 1¼ × ⅞ in inside sizes	2	2¼	2½ in long
Japanned	4½d	5d	5½d per pair
Brass	1/1	1/1	1/2 ,,
Silver plated .	2/2	2/4	2/[illegible]

N 45 Cart, japanned—

2½ × 1⅛ × 1⅛ in.	2¾ × 1⅜ × 1½ in	3 × 1⅜ × 1⅝ in
6d per pair	8d per pair	9d per pair

ESCUTCHEONS.

	N 46.	N 48	N 47
N 46.—Brass			1/- per dozen.
	Japanned.	Brass.	Silver Plated.
N 47 Hinged ...	2½d	5d	8d each.
N 48 ,, ..	2d	3d	7d ,,

LOOPS AND RINGS.

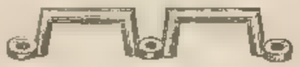
N 49 N 50 N 51.

	Japanned.	Brass.	Silver Plated.
N 49.—Loop Rings ...	6d	2/6	3/8 per doz
N 50 — N 51 } Loops and Rings	10d	3/8	5/6 ,,

APRON KNOB.

Japanned.	Brass.	Silver Plated.
N 52 — 5½d	8d	1/2 per doz

BREECHING STAPLES.



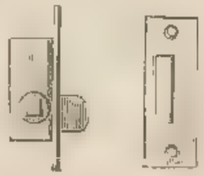
N 53 N 53

	Japanned.	Brass.	Silver Plated.
N 53.—Single, 1½ in. ..	8d	2/6	5/ per doz.
N 54 Double , .	1/3	4/6	9/9 ,,

TRACE HOOK.

N 58
To screw on .. .. 6½d each

BUDGET LOCKS AND KEYS.



	¾	⅞	1	1⅛	1¼ inch
N 55.—Budget Locks ..	6/6	6/6	7/3	8/-	9/4 per doz
	7½d	7½d	8½d	9d	10½d each
N 56 Keys for ditto					2/3 per doz 2½d each

MALLEABLE SPRING SHACKLES.

N 57 Square or round holes
2 2½, 3, 3½, 4 in measure over all
price 5d per lb

JAPANNED IRON SHACKLES,

With India Rubber Lining

N 4328

⅜ inch brass tube			⅝ × ⅝ inch brass tube		
1¼	1⅜	1½ inch wide	1¼	1⅜	1½ inch wide
5/6	5/6	5/6 per set of 4	8/	8/-	8/ 8/ per set of 4
1⅝	1¾ inch wide		2 inch wide		
6/4	6/4 per set of 4		9/6 per set of 4		

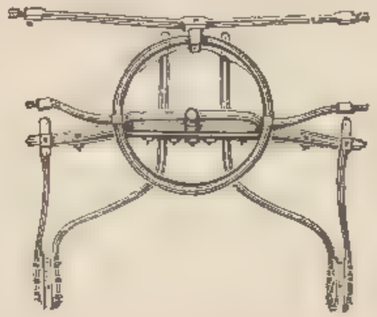
2 inch wide, 6/8 per set of 4

The above prices do NOT include fitting to springs

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements. Where price is only given "each" an allowance of 10 per cent. will be made when ordered in dozens.

COACH BUILDERS' FITTINGS.

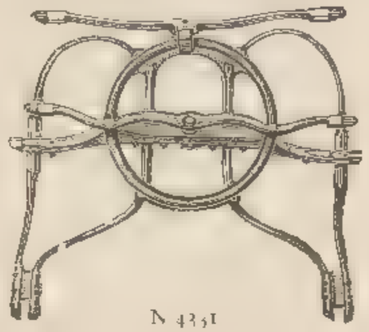
PARISIAN PHAETON FORE CARRIAGES.



N 4330

With straight wood bottom bed, bottom plate and wheel irons in the solid, 18 in wheel plate, 32 in between centres of spring bearings, with thimble socket, 1¼ in spring

75/ each

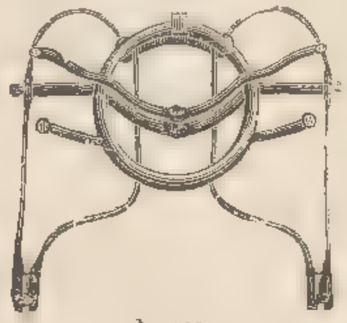


N 4331

With iron top and wood bottom bed, wheel iron heads, and tails to the same, thimble socket 18 in wheel plate, 32 in between centres of spring bearings, for 1¼ in springs, 7½ in over all

80/- each All iron ditto, 80/- each

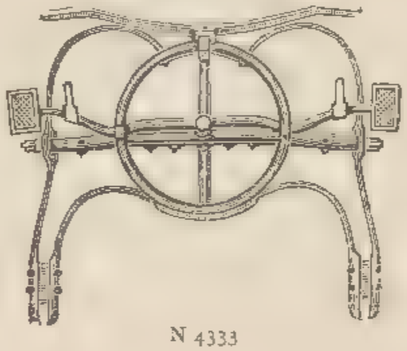
PARK PHAETON FORE CARRIAGE.



N 4332

With wheel iron heads and tails to the same thimble socket, 18 in wheel plate 32 in between centres of spring bearings, com passed beds 97/- each

STANHOPE PHAETON FORE CARRIAGE.



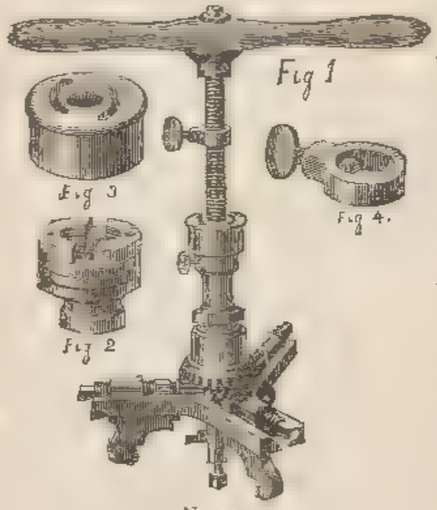
N 4333

With cross futchets in bed plate, and steps attached, wheel iron heads, thimble socket, 20 in wheel plate, 34 in between centres of spring bearings

97/- each.

In ordering special forecarriages, please state width over spring bearings, width of springs, width over top of carriage, and height

HUB BOXING MACHINE.



N 4334

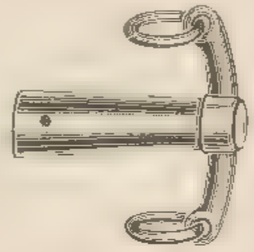
The open feed nut, which admits of with drawing the mandril from the hub, after boring the required depth by simply turning the cap to the left, is an important consideration. The peculiar form of the chuck admits of a better view of the work, while the movement of the jaws being effected by the aid of screw pinions working directly through the jaws, gives the machine great power for clamping the hub The jaws are provided with two shoulders for clamping hubs – the inner ones for light and the outer ones for heavy work

The No 1 Machine, for heavy and medium work up to 11 x 13 in hubs, will clamp hubs from 2 to 9½ in in diameter The No 2 Machine, which is designed to be used only on very heavy work up to 16 x 24 in hubs, will clamp hubs from 9 to 14½ in in diameter

No 1 Machine will bore holes 1¾ to 5 x 6½ in deep	£5	5	0
,, 2 ,, ,, 2⅛ to 6 x 12½ in. ,,	7	7	0
Extra Bits per set for No 1	0	3	0
,, ,, ,, 2 ,,	0	5	0

POLE HEAD,

N4338 —With Swivel and Rings



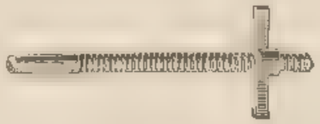
Up to 1⅞ in outside filed, 8/- ea
,, ,, ,,polished, 8,9
Chains to suit above from 7/9 pair

SOLID END POLE CRABS.

N 4339

1½	1¾	1⅞	2	2⅛	2¼ inch
1/10	2/-	2/3	2,6	3/3	3/9 each

CART BRAKE SCREW.



N 4335

[illegible]	1	1⅛	1¼ in diameter
[illegible]10	3/6	4/	4,6 each

INDIA-RUBBER BRAKE BLOCKS.

N 4336 —Dovetail pattern

Length.	Width.	Depth.	Length.	Width.	Depth.
5⅜ ×	1⅜ ×	1½ in.	6½	1⅞	2 in
		1/10 pair			2/10 pair
6 ×	1⅝ ×	1¾ in	6¾	2	2⅛ in.
		2/3 pair			3,8 pair

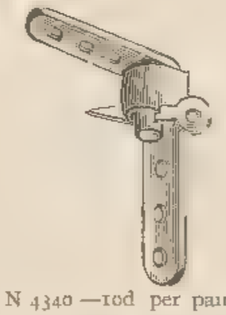
Malleable Pans for ditto, with bolts and nuts, 1/9 to 2/6 per pair

INDIA RUBBER CONICAL-SHAPE BUFFERS.

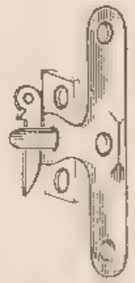
N 4337 —With Brass Plates for Springs

No. 1, 5/6 per pair No 2 12,6 per pair
No 3, 15 6 per pair

JAPANNED DOG CART FASTENINGS.



N 4340 —10d per pair



N 4341 —9d per pair

VAN SHAFT TREAD.

N 4342 8½ x 1¾ in, 6d each

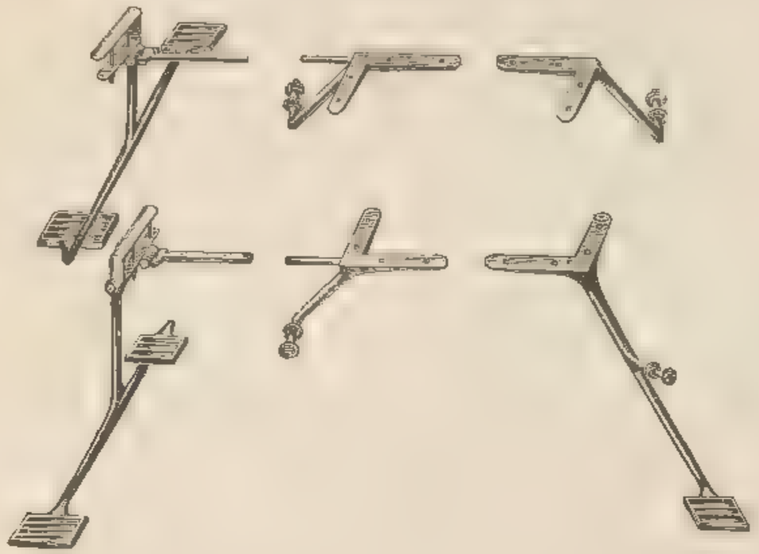
TAILBOARD CHAINS FOR DOGCART.

N 4343 Per set 1,4

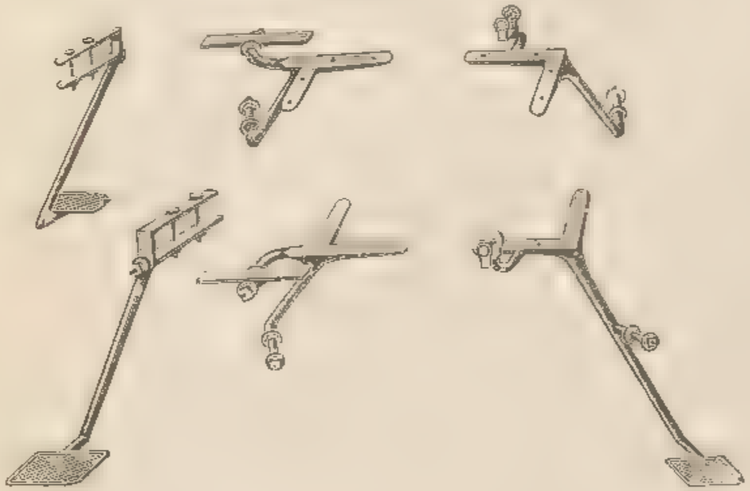
The varieties described represent in many cases but a small selection from those supplied. Special quotations for large quantities will be sent on receipt of requirements.

COACH BUILDERS' FITTINGS.

DOG CART IRONWORK.

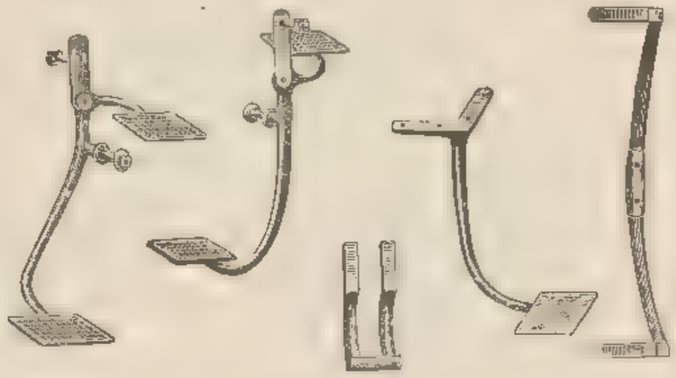


N 4346.—With best forged gridiron treads 55/- per set
,, plain jagged treads 47/-
,, stamped treads ... ... 49/- ,,
In ordering please state width of springs.



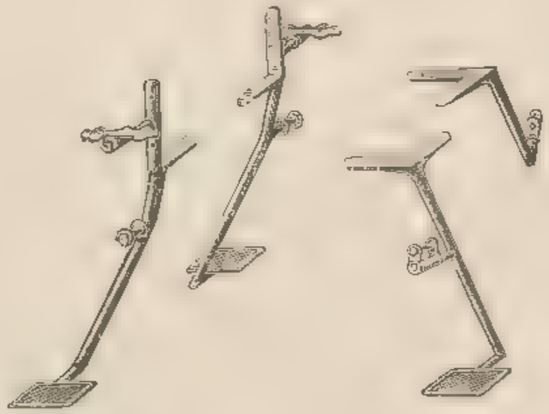
N 4349.—With plain jagged single treads 43/- .. Double treads 51/- per set
,, stamped treads 43/- ... ,, ,, 51/- ,,
best forged gridiron treads 49/- ,, ,, 58/- ,,
In ordering please state width of springs

RUSTIC CART IRONWORK.



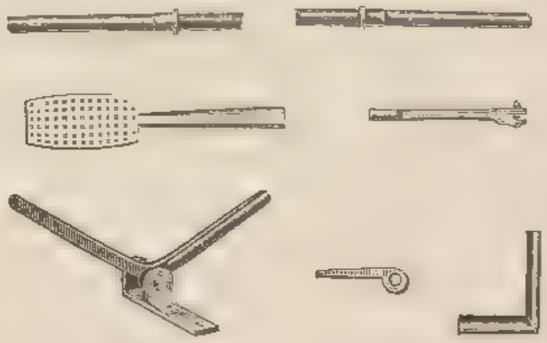
N 4344
With plain jagged treads 25/- per set
stamped treads ... . 27/- ,,
Either long or short backstay
In ordering please state width of springs

SHOOTING CART IRONWORK.



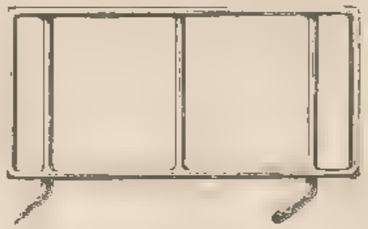
N 4350
With stamped tread ... .. 33/6 per set
,, ,, ,, 2nd quality ... 31/6 ,,
In ordering please state width of springs

FOOT BRAKE IRONWORK.



N 4348 22/- per set

DASH IRONS.



N 4353 Dash Iron, shut up ... .. 12/- each

DASH HANDLES.

N 4354
For wood either round or square top
4/9 per pair.

N 4355
For swept dashes, with eye for rein rail, or straight feet if preferred,
6/- per pair

SOLID METAL REIN RAILS.

	Brass	Nickel	Silver on G S
N 4351.—To 24 inch centres of holes ...	6/9	8/9	12/9 each
,, 27 ,, ,, ...	7/-	9/-	13/6 ,,
,, 30 ,, ,, ,, ..	7/6	9/9	14/6 ,,

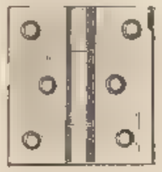
	Brass	Nickel	Silver on G S
N 4352	7/-	8/9	13/6 each
	7/6	9/6	14/- ,,
	8/-	10/-	15/- ,,

The varieties described represent in many cases but a small selection from those supplied. Special quotations for large quantities will be sent on receipt of requirements.

COACH BUILDERS' FITTINGS.

TRACE HOOK.

N 59 — To bolt ... 9d each



WROUGHT IRON BUTTS.

	3 × 3 inch	4 × 4 inch	4 × 5 inch
N 6 .. .	9/-	18/-	22/6 per dozen
	10d.	1/8	2/1 pair
3 × 3 inch, with Brass Pins, per dozen	12/	1,2 per pair	

BRASS CARRIAGE HINGES.

N 61 — 1⅜ inch wide

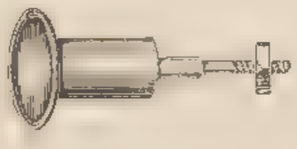
1¼	1½	1¾	2	inch long
1/3	1/5	1/7	1/9	per pair

N 62 — 1½ inch wide

1¼	2	2¼	2½	3 inch long
1 8	2/-	2/3	2 6	3/2 per pair

BRASS DRIVING BOX HINGE.

N 63 ... ... 4½d per pair



ROLLER BOLT.

N 64

2½ inch ... 7/- per dozen, 8d. each

SHAFT STOPS.

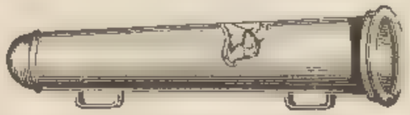
N 68

N 66

N 67

	Japanned.	Brass	Silver Plated
N 66 — 2⅝ inch .	1/6d	5d	10d each
N 67 5 inch ..	3d	8d	1/3 ,,
	Japanned	Polished Iron	Polished Brass
N 68 - 10 inch	9d	1 1	1/8 each

WHIP SOCKETS.



N 69

N 70.

N 4360

N 69 Japanned ... . 4d each
Ditto, with I R inside, plated mounts ... 10½d ,,

N 70 — Japanned .. .. . . 1/2 ,,
Brass 2 3
Ditto, with loops to strap on, same price
Leather Straps, 3d extra

N 4360 — Japanned ... . 4d. ,,
Ditto, to screw on the flat, same price

CARRIAGE DOOR HANDLES.

N 71

N 72

N 73

N 74

		Brass	Silver plated
N 71	3½ inch .	.. 2 6	5/ per pair
N 72	4 ,, .	. 3/6	6 6 .
N 73	5 ,, .	... 5/3	9/- ,,
N 74	4⅝ ,, ...	... 3/3	6 6 ,,

BRAKE HANDLE.

N 75 Silver plated 3 6 each

DASH BEADING.

N 76 — ⅜ inch, Brass ... 4/- per 12 feet length
Cut 5d per foot

DOOR AND BOTTOM PLATES.

N 77 Door Plate, ⅞ inch, Brass ... 6,- per 12 feet length
Cut ... 7d per foot

Bottom Plate ¾ inch, Brass ... 5/ per 12 feet length
Cut ... 6d per foot

TRACE BOLT.

N 78 ⅜ × 3½ inch long . ... 3/8 per dozen, 4½d each

N 79

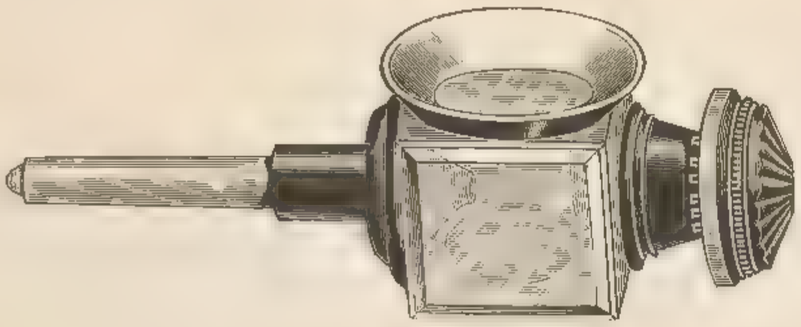
FINISHER HEAD.

N 79 Carriage Bead ⅜ inch, electro plated on copper,
4/8 per 12 feet length, cut 5½d. per foot
Finisher Heads, electro-plated on German silver,
2,8 per pair
Fancy Heads, electro-plated, 1/6 per pair
Brass Beading, ¼ inch, 2d ; ⅜ inch, 2½d. per foot

RUSTIC CART HANDLES.

	Japanned	Brass
N 4361 — 9½ in × 4 in. ...	2/6	7/6 per set of 4
N 4362. 10½ in × 4 in ..	3/-	9/- ,,

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements. Where price is only given "each" an allowance of 10 per cent. will be made when ordered in dozens.

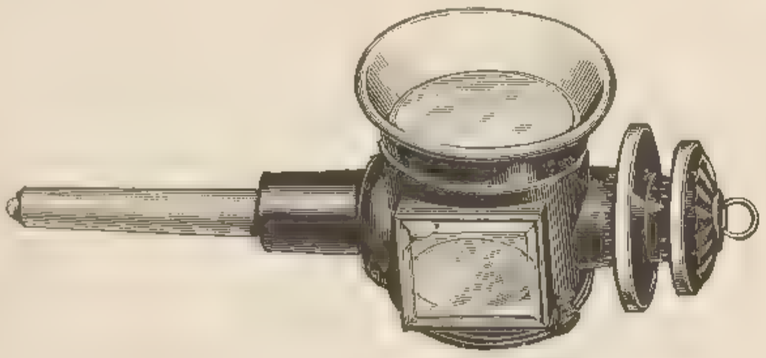


N 87 —Oblong Lamp, with patent seamless oval bell

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass.
Pony ...	5 × 4½ × 3¾ in	17/8	19/8	21/2 per pair
Gig ...	5¼ × 4¾ × 3¾ in.	18/8	20 8	22/2 ,,
Phaeton	5½ × 5 × 4 in.	20/8	22/8	24/2 ,,
Brougham	6 × 5 × 4¼ in.	24/8	26/8	28/2 ,,

N 4366 Ditto, Lighter Quality

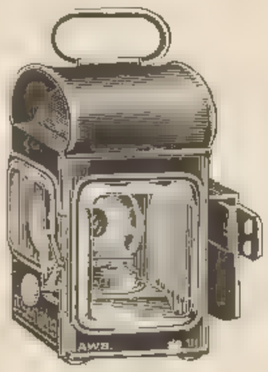
	Japanned	Half mounted Brass	Half mounted Silver
Pony	13/2	15/2	15/8 per pair.
Gig	13/8	15/8	16/2 ,,
Phaeton	15/8	17/9	18/2
Brougham	18/9	20/8	21/8



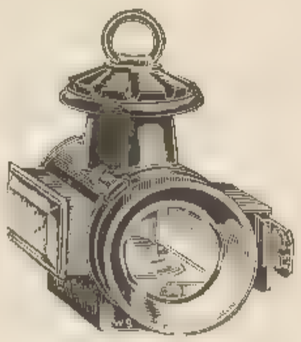
N 88 —Dial Lamp, seamless bell, open at back lined with brillow metal, which is equal in colour to silver

	Size.	Japanned.	½ mounted "Brillow" or Brass	¾ mounted "Brillow" or Brass
Pony ..	5 in	11/4	14 8	[illegible] per pair
Gig ..	5¼ in	12/	[illegible]	16 8 ,,
Phaeton	5½ in	14 [illegible]	18	[illegible]
Brougham	[illegible] in	18 8	[illegible]	[illegible]

CART LAMPS.



Japanned.
N 4367 [illegible] in, [illegible] per pair
N 4368 Lighter do [illegible] × 3¼ in, [illegible] per pair



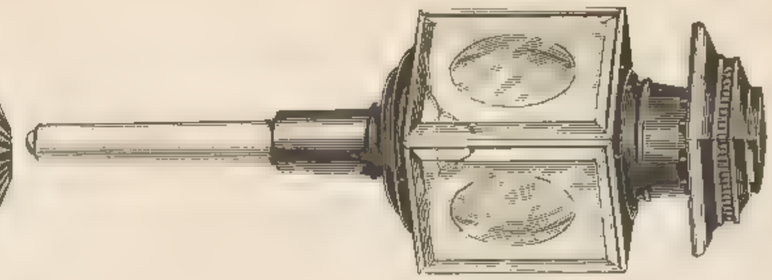
Japanned
N 4369 [illegible] in Dial
10/3 per pair

PATENT ANTI-CANDLES FOR CARRIAGE LAMPS.

TO BURN PETROLEUM

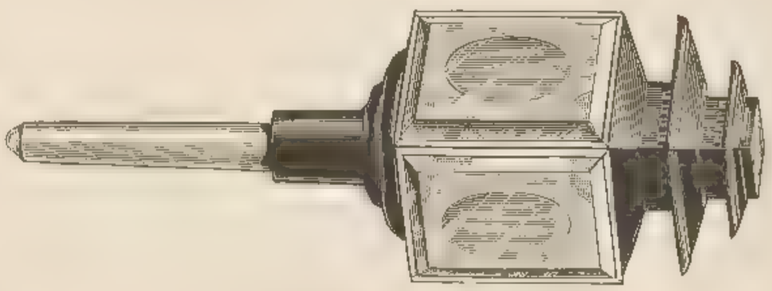
N 4370

[illegible] in diameter, size of No 6 Candle ..	3/- per pair.
1 1/16 in ,, ,, 8	3/ ,,
1 in ,, ,, ,, 10 ,,	3/ ,,



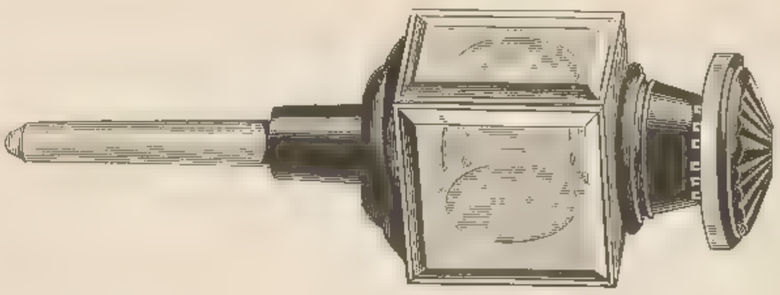
N 82 Square Lamp, fully lined

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass with Balls and Plates
Pony ..	5 × 4 in.	9 8	12 6	13 0 per pair
Gig ...	5¼ × 4⅜ in	10/8	13 2	14 2 ,,



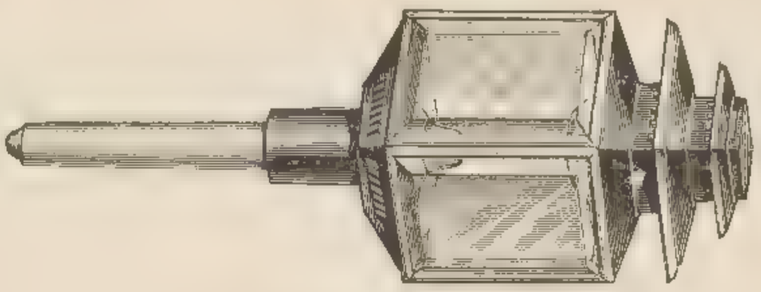
N 83 Square Lamp fully lined

	Size	Japanned	Half mounted Silver or Brass	Full mounted Silver or Brass with Balls and Plates.
Pony ...	5 × 4 in	10/8	13/4	15/2 per pair
Gig	5¼ × 4⅜ in	12	14/8	16 2
Phaeton	5½ × 4½ in.	14/	17/4	18 8
Brougham	6 × 5 in.	16/-	20/-	21/8



N 84 —Oblong Lamp, fully lined, oval head

	Size	Japanned	Half mounted Silver or Brass	Full mounted Silver or Brass
Pony	5 × 4 × 3¼ in	11 2	13/2	14/2 per pair
Gig	5 × 4¼ × 3¼ in	11 8	13 8	14 8
Phaeton	5½ × 5 × 4 in	13 [illegible]	15 2	16 2



N 85 – Square Lamp lined with brillow metal which is equal in colour to silver, with wire and bead up front, panel reflectors.

	Size	Japanned	½ mounted "Brillow" or Brass	¾ mounted "Brillow" or Brass	Full mounted "Brillow" or Brass
Pony ...	5 × 4 in.	12/8	15 8	17	20 per pair
Gig	5¼ × 4⅜ in	13/4	16 8	18 -	21
Phaeton	5½ × 4½ in	16 4	20 4	21/8	24 8
Brougham	6 × 5 in	17 8	24 4	25 8	28 8

Back Lights—Red, Blue, Amber, or Green. If colour is not stated on Order, Red is sent. If without Back Lights, 8d. pair less. Any Lamp can be made to burn Oil at 2 8 pair extra.

LIST PRICES OF PATENT POINTED SCREWS.

IRON WOOD SCREWS.

3/16 & 1/2 Inch.

No	s	d
1	0	8½
2	0	8½
3	0	8½
4	0	8½
5	0	9
6	0	9½
7	0	11
8	1	0
9	1	1
10	1	2
11	1	3
12	1	4
13	1	8
14	1	10
15	2	2
16	2	6

5/8 Inch.

No	s	d
2	0	9½
3	0	9½
4	0	9½
5	0	10
6	0	11
7	1	0
8	1	1
9	1	2
10	1	3
11	1	4
12	1	5
13	1	8
14	1	10
15	2	2
16	2	6
18	3	2

3/4 Inch.

No	s	d
3	0	10
4	0	10
5	0	11
6	1	0
7	1	1
8	1	1½
9	1	2½
10	1	3
11	1	4
12	1	5½
13	1	8
14	1	10
15	2	2
16	2	6
17	2	10
18	3	2
19	3	4
20	3	7
22	4	9
24	5	6
26	6	2
28	8	0

7/8 & 1 Inch.

No.	s	d
4	1	0½
5	1	1
6	1	1½
7	1	2½
8	1	3
9	1	3½
10	1	4½
11	1	6½
12	1	7½
13	1	10
14	2	
15	2	3
16	2	7
17	2	10
18	3	2
19	3	7
20	4	0
21	4	5
22	4	9
24	5	6
26	6	2
28	8	0

1¼ Inch.

No	s	d
5	1	3½
6	1	4
7	1	5
8	1	5½
9	1	6½
10	1	7½
11	1	9
12	1	11
13	2	1
14	2	4
15	2	8
16	3	0
17	3	3
18	3	7
19	4	0
20	4	5
21	4	9
22	5	2
23	5	6
24	5	10
26	6	2
28	8	0

1½ Inch.

No	s	d
6	1	6
7	1	6½
8	1	7½
9	1	8½
10	1	9
11	1	11
12	2	1
13	2	4
14	2	8
15	3	0
16	3	4
17	3	8
18	4	0
19	4	5
20	4	9
21	5	2
22	5	6
23	5	10
24	6	2
26	7	6
28	8	6
30	10	6

1¾ Inch.

No	s	d
7	1	10½
8	1	11
9	1	11½
10	2	0
11	2	2
12	2	4
13	2	8
14	3	0
15	3	4
16	3	8
17	4	0
18	4	5
19	4	9
20	5	2
21	5	6
22	5	11
23	6	4
24	6	8
26	8	0
28	10	0
30	12	0
32	15	0

2 Inch.

No	s	d
8	2	0
9	2	1
10	2	2
11	2	4
12	2	8
13	3	0
14	3	4
15	3	8
16	4	0
17	4	5
18	4	9
19	5	2
20	5	6
21	5	11
22	6	4
23	6	9
24	7	1
26	8	6
28	12	0
30	14	0
32	18	0
34	22	0
36	27	0
38	32	0
40	38	0

2¼ Inch.

No.	s	d
9	2	5
10	2	6
11	2	8
12	3	0
13	3	4
14	3	8
15	4	0
16	4	5
17	4	9
18	5	2
19	5	6
20	5	11
21	6	4
22	6	10
23	7	6
24	8	2
26	9	6
28	12	6
30	16	0
32	20	0
34	25	0
36	30	0
38	35	0
40	40	0

2½ Inch.

No	s	d
10	2	8
11	3	0
12	3	4
13	3	8
14	4	0
15	4	5
16	4	9
17	5	2
18	5	6
19	5	11
20	6	4
21	6	10
22	7	4
23	8	0
24	8	8
25	9	8
26	10	6
28	13	0
30	18	0
32	22	0
34	26	0
36	32	0
38	38	0
40	42	0

2¾ Inch.

No.	s	d
11	3	4
12	3	8
13	4	0
14	4	5
15	4	9
16	5	2
17	5	9
18	6	6
19	7	0
20	7	6
21	8	0
22	8	8
23	9	6
24	10	4
26	12	0
28	14	0
30	20	0
32	25	0
34	30	0
36	35	0
38	40	0
40	45	0

3 Inch.

No.	s	d
12	4	0
13	4	5
14	4	9
15	5	2
16	5	10
17	6	6
18	7	3
19	7	11
20	8	7
21	9	4
22	10	2
23	11	0
24	11	8
25	12	6
26	13	6
28	15	0
30	20	0
32	26	0
34	32	0
36	38	0
38	42	0
40	46	0

3½ Inch.

No	s	d
14	5	10
15	6	6
16	7	2
17	8	0
18	9	0
19	9	8
20	10	8
21	11	10
22	12	4
23	13	8
24	14	4
25	15	6
26	15	6
28	17	6
30	22	0
32	30	0
34	34	0
36	40	0
38	45	0
40	50	0

4 Inch.

No	s	d
16	8	1
17	9	0
18	9	10
19	10	8
20	11	6
21	12	4
22	13	0
23	13	8
24	14	4
25	15	6
26	16	6
27	17	6
28	18	6
30	24	0
32	32	0
34	37	0
36	42	0
38	48	0
40	56	0

4½ Inch.

No	s	d
14	10	0
16	10	0
18	11	6
19	12	6
20	13	6
21	14	6
22	15	6
23	16	6
24	17	6
25	18	6
26	19	6
27	21	0
28	22	6
29	24	9
30	27	0
32	32	0
34	40	0
36	45	0
38	50	0
40	60	0

5 Inch.

No	s	d
18	13	6
19	14	6
20	15	6
21	16	9
22	18	0
23	19	0
24	20	0
25	21	0
26	22	0
28	26	0
30	30	0
32	35	0
34	40	0
36	45	0
38	55	0
40	65	0

5½ Inch.

No.	s	d.
18	16	0
20	18	0
22	20	0
23	21	0
24	22	0
26	25	0
28	30	0
30	35	0
32	40	0
34	45	0
36	50	0
38	60	0
40	70	0

6 Inch.

No.	s	d
20	20	0
21	21	3
22	22	6
23	23	9
24	25	0
26	30	0
28	35	0
30	40	0
32	45	0
34	50	0
36	55	0
38	65	0
40	75	0

7 Inch.

No	s	d
20	23	9
22	25	0
24	27	6
26	34	0
28	40	0
30	45	0
32	50	0

8 Inch.

No	s	d
20	25	0
22	27	6
24	30	0
26	38	0
28	45	0
30	50	0
32	60	0

9 Inch.

No.	s	d
26	42	0
28	50	0
30	60	0
32	70	0

Bright Round Heads charged one price higher than flat
Japanned Round Heads or Flat Heads two prices higher
Lath Screws charged 4 extra per gross net
Patterns Cards Full, each Small each

BRASS WOOD SCREWS.

3/16 & 1/4 Inch.

No	s.	d.
4	1	6
5	1	7
6	1	9
7	2	0
8	2	3
9	2	6
10	2	9
11	3	4
12	3	8

1½ Inch.

No	s	d
6	4	0
7	4	4
8	4	8
9	5	2
10	5	9
11	6	4
12	7	0
13	7	9
14	8	7
15	9	6
16	10	6
17	11	9
18	13	0
19	14	4
20	15	10
22	19	1
24	22	8
26	28	0
28	34	0

2¾ Inch.

No.	s.	d.
12	13	0
13	13	9
14	14	5
15	15	9
16	17	2
17	18	10
18	20	6
19	22	3
20	24	2
22	28	3
24	32	8
26	38	0
28	45	0
30	52	0
32	60	0

5 Inch.

No	s	d
16	34	6
18	37	0
20	40	6
22	47	0
24	55	0
26	60	0
28	72	0
30	86	0
32	100	0

3/8 Inch.

No	s	d
4	1	8
5	1	10
6	2	0
7	2	3
8	2	5
9	2	8
10	3	0
11	3	4
12	3	8
13	4	6
14	5	9

1¾ Inch.

No	s	d
7	5	3
8	5	6
9	5	11
10	6	7
11	7	3
12	8	0
13	8	10
14	9	9
15	10	9
16	11	10
17	13	2
18	14	6
19	15	11
20	17	6
22	20	11
24	24	8
26	30	0
28	36	0
30	42	0

3 Inch.

No	s	d
12	14	6
13	15	0
14	15	7
15	17	0
16	18	6
17	20	3
18	22	0
19	23	10
20	25	10
22	30	1
24	34	8
26	40	0
28	50	0
30	60	0
32	70	0

5½ Inch.

No	s	d
18	46	0
20	50	0
22	55	0
24	60	0
26	70	0
28	84	0
30	100	0
32	130	0

7/8 Inch.

No	s	d
4	1	10
5	2	0
6	2	3
7	2	6
8	2	8
9	3	0
10	3	4
11	3	10
12	4	4
13	4	10
14	5	9
15	7	0
16	7	10
17	8	11
18	10	0
19	11	2
20	12	6
22	17	3

2 Inch.

No	s	d
8	6	3
9	6	9
10	7	5
11	8	2
12	9	0
13	9	11
14	10	11
15	12	0
16	13	2
17	14	7
18	16	0
19	17	6
20	19	2
22	22	9
24	26	8
26	32	0
28	38	0
30	44	0
32	50	0

3½ Inch.

No	s	d.
12	16	6
13	17	3
14	18	0
15	20	0
16	22	0
17	24	0
18	26	0
19	28	0
20	30	0
22	35	0
24	40	0
26	45	0
28	55	0
30	65	0
32	77	6

6 Inch.

No	s	d
20	60	0
22	65	0
24	70	0
26	80	0
28	[illegible]	[illegible]
30	12[illegible]	[illegible]
32	150	0

1 Inch.

No	s	d
6	2	9
7	3	0
8	3	4
9	3	8
10	4	1
11	4	6
12	5	0
13	5	7
14	6	3
15	7	0
16	7	10
17	8	11
18	10	0
19	11	2
20	12	6
22	17	3

2¼ Inch.

No	s	d
8	7	0
9	7	6
10	8	3
11	9	1
12	10	0
13	11	0
14	12	1
15	13	3
16	14	6
17	16	0
18	17	6
19	19	1
20	20	10
22	24	7
24	28	8
26	34	0
28	40	0
30	46	0
32	52	0

4 Inch.

No.	s	d
14	22	6
15	23	6
16	25	0
17	27	0
18	29	0
19	31	6
20	33	6
22	39	0
24	45	0
26	50	0
28	60	0
30	70	0
32	85	0

6½ Inch.

No.	s.	d
22	75	0
24	80	0
26	90	0

1¼ Inch.

No	s	d
6	3	3
7	3	7
8	4	0
9	4	5
10	4	11
11	5	5
12	6	0
13	6	8
14	7	5
15	8	3
16	9	2
17	10	4
18	11	6
19	12	9
20	14	2
22	17	3

2½ Inch.

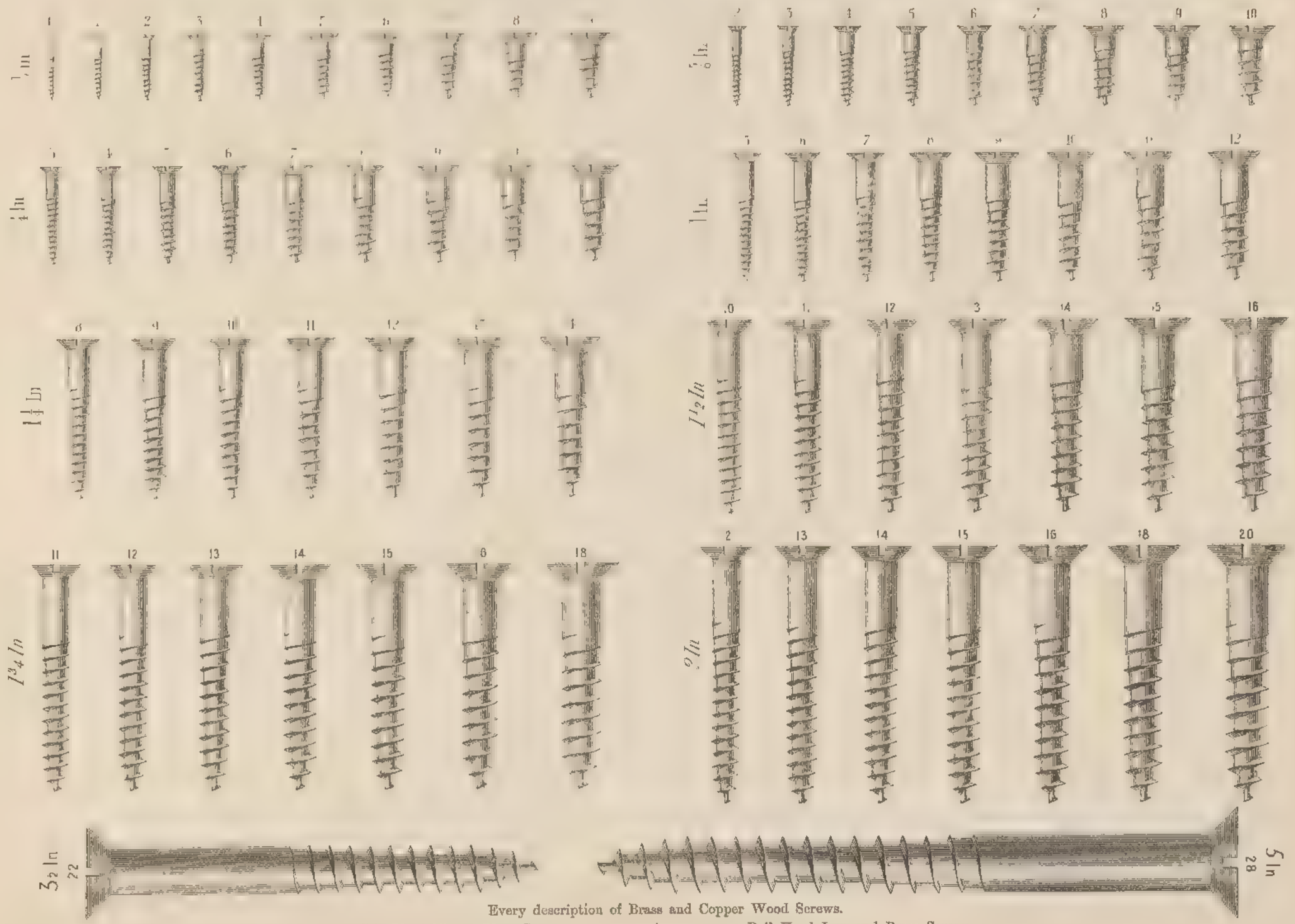
No	s.	d
10	10	0
11	10	6
12	11	0
13	12	1
14	13	[illegible]
15	14	6
16	15	10
17	17	5
18	19	0
19	20	8
20	22	6
22	26	5
24	30	8
26	36	0
28	44	0
30	48	0
32	54	0

4½ Inch.

No	s.	d
14	27	0
16	30	0
18	34	0
20	37	0
22	43	0
24	50	0
26	55	0
28	65	0
30	75	0
32	90	0

Round Heads are charged one price higher than Flat Heads

Discount on application. If sent direct from Works, carriage paid on 2 cwt. and upwards.



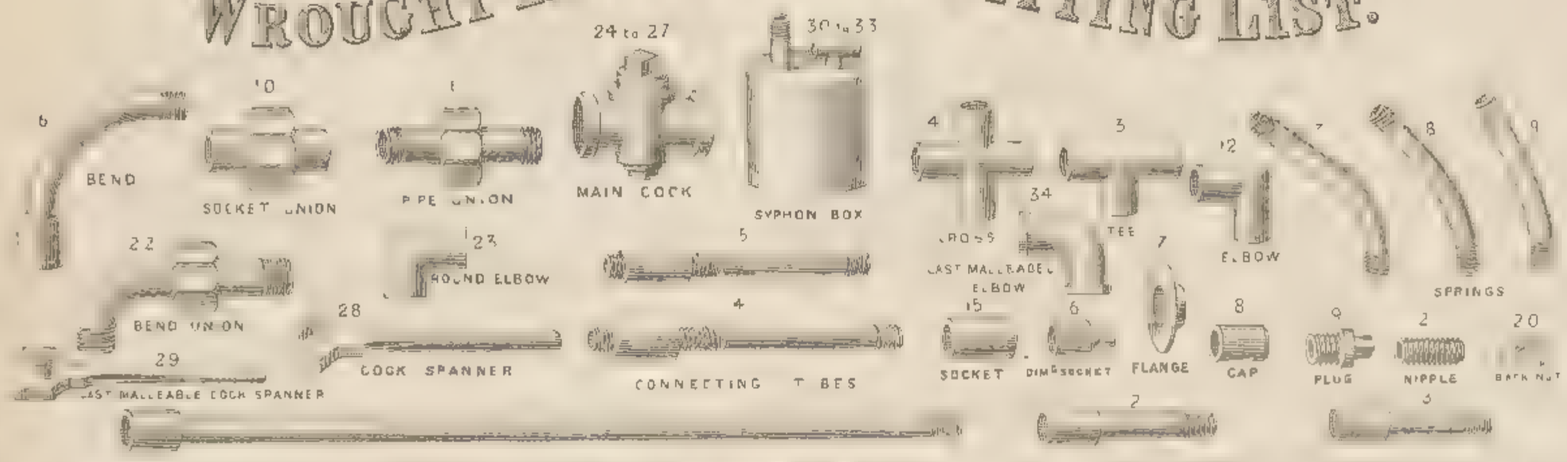
Every description of Brass and Copper Wood Screws.

Gilt Head Finger Plate Screws
Burnished Head Brass ditto

Ball Head Iron and Brass Screws.
Round and Gothic Head ditto

For List Prices see page 96.

WROUGHT-IRON TUBE AND FITTING LIST.

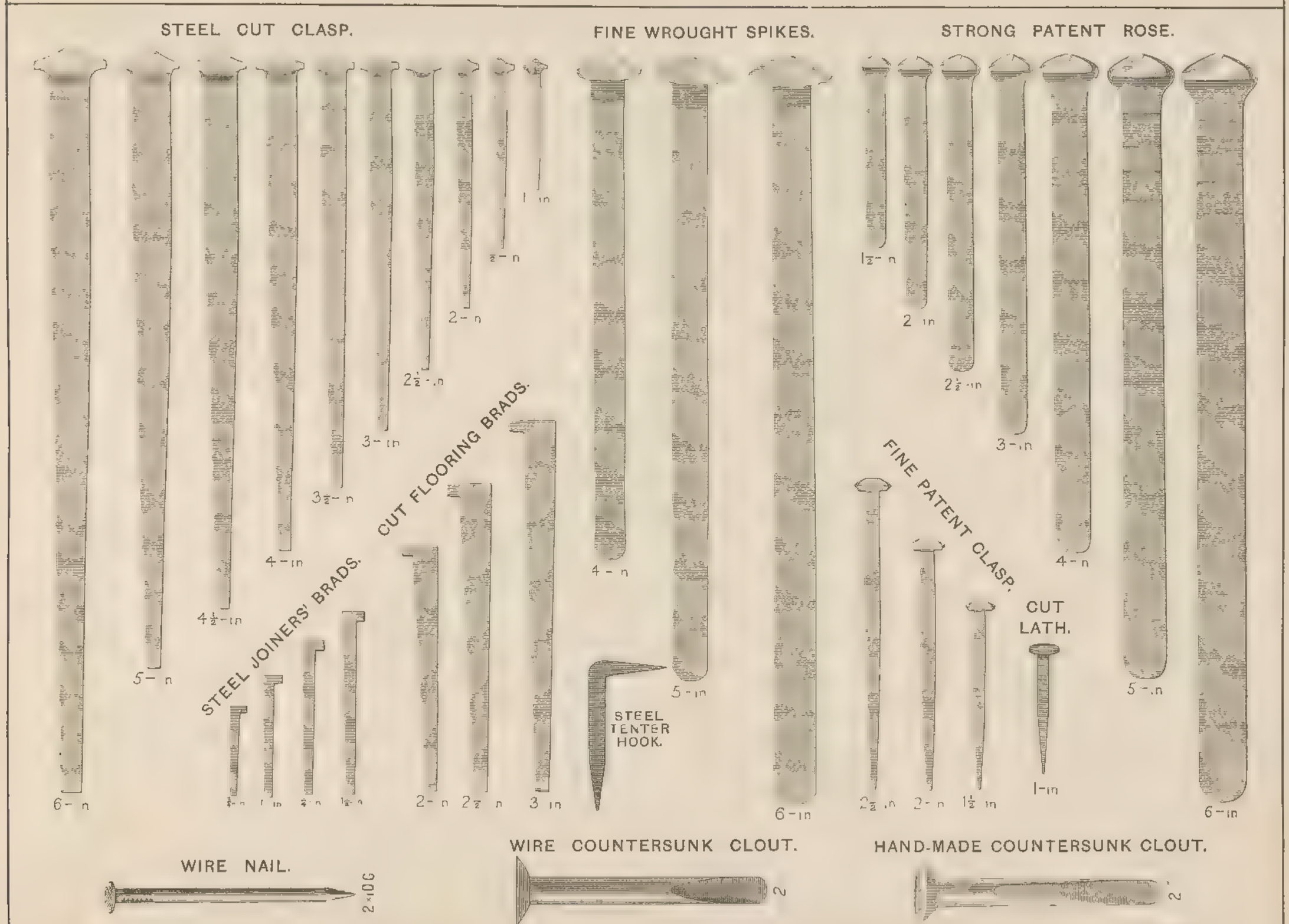


	INSIDE DIAMETER IN INCHES	1/8		1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		1 3/4		2		2 1/4		2 1/2		2 3/4		3		3 1/2		4	
		S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D	S	D
TUBES	1 TUBES, FROM 2 TO 14 FEET PER FOOT	0	2	0	2½	0	3	0.4¼		0	6	0	8¼	1.0		1.3		1.6		1	[illegible]	2	7	3.3		4	0	4.6		5	6	7	0
	2 Do Do 12 TO 23½ INCHES EACH	0.4		0	5	0	7	0.9		0		1.4		1.8		2	0	2	6	3	0	4	6	6.3		7	6	9	0	1	6	4.6	
	3 Do Do 3 TO 11½ INCHES	0	2	0.3		0	4	0.6		0.8		0.11		1.1		1	4	2.0		2	3	4	0	4	9	6	0	7.0		8	0	9.0	
	4 CONNECTING TUBE, 12 TO 23½	0	5	0	7	0	9	0.11		1.2		1.6		2	0	2	6	3.3		4	0	5.6		7	0	8	6	10.0		12.6		15	6
	5 Do Do 3 TO 11½	0.4		0.5		0	6	0.8		0.10		1	0	1.3		2	0	2.6		3.0		4.6		5	6	6	6	7.6		8	6	10	0
	6 BENDS & LAMP BENDS	0	5½	0.6½		0.7		0.8		0.11		1.3		1.9		2.3		3.3		4	3	6	6	10.0		12	0	16.0		25	0	32	6
	7 8 9 SPRINGS VARIOUS ELEVATIONS	0	4	0	5	0	6	0	7	0.9		0.11		1	4	1	8	2.6		3.3		5.6		7	6	10.0		12	0	19.0		26.0	
FITTINGS	10 11 SOCKET OR PIPE UNIONS WT IRON			2	0	2.6		3.0		4.0		5	6	6.9		8	0	9.0		10.0		12	0	14.0		16	0	18.0		22	0	28	0
	12 ELBOWS, EQUAL OR DIMINISHED	0	6	0	6½	0.7		0.8		0.10		1	2	1.9		2.3		3.0		3.6		5.6		8.6		11.0		14	0	22.0		28	0
	13 TEES, Do Do	0	6	0.6½		0.7		0.9		1.0		1	3	9		2.6		3.0		3	9	6.0		9.6		12	6	16	6	24	0	30.0	
	14 CROSSES Do Do	1.2		1	4	1.4		1.11		2.4		3.0		4	0	4	8	6.0		7.0		14.0		21.4		28.0		40.0		56.0		66	8
	15 SOCKETS, PLAIN	0	1½	0.1½		0	2	0.3		0.3½		0.4		0.6		0.7		0.9		1.0		1.6		2.6		3	0	3	6	5.0		6.0	
	16 Do DIMINISHED			0.3		0.4		0.5		0	6	0.7		0.9		0.11		1	1	1.3		2.0		3	0	4.0		5.0		7.0		9.0	
	17 FLANGES	0	8	0.9		0	10	1.0		1	2	1.4		1.6		1	9	2.0		2.6		3	9	5.0		6.9		8	6	10.0		11.6	
	18 19 CAPS AND PLUGS	0.2		0	3	0.3		0.4		0.5		0.6		0	8	0.10		1.0		1.3		2.0		2.6		3.6		4	9	7.0		10.0	
	20 21 BACKNUTS AND NIPPLES	0	1	0.2		0.2		0	3	0.3½		0.4		0.6		0.8		0.10		1.0		1.9		2	3	3	0	3	6	4.6		5.6	
	22 UNION BENDS, OR ELBOWS			2	6	3	0	3.9		5.0		6.3		8.6		10.0		11.6		13.6		16.0		19.0		22.0		25	0	30	0	36.0	
	23 ELBOWS, ROUND BACKED WT IRON	0	7	0	7	0.8		0.9		1.0		1	4		11	2	6	3	4	3	10	6.6		10.0		13	0	6.0		25	0	32	0
	24 IRON MAIN COCKS	2	3	2.3		2	9	3.6		4	6	6.6		8.6		11.0		14.0		18	0	27.0		36	0	44	0	50	0	75	0	90	0
	25 Do Do Do BRASS PLUGS					4.6		5.6		7	6	10.6		15.0		19.6		25.0		32	0	47.0		60.0		90	0	110	0	140.0		90	0
	26 Do Do Do ROUNDWAY					3.6		4.0		5.6		7.6		10.0		13.0		17.6		22	0	38.0		54	0	62.0		70	0	100	0	160	0
	27 Do Do Do Do BRASS PLUGS					5	0	6	6	9.0		13.0		19.0		28.0		36.0		42	0	60	0	85	0	105	0	120	0	180.0		280	0
	28 SPANNERS, FOR COCKS, WT IRON					1.0		1	4	1	8	2.0		2	4	3.0		3.6		4.0		4.9		6.0		7.6		9.0		12.0		14.0	
	29 Do Do MALE. CT IRON					0	7	0	8	0.10		1.2		1.8		2.2		2.9		3.3		4.9		6.0		7.6		9	0	12	0	14	0
	30 SYPHON BOXES 1 QUART							11.0		12.0		13.0		14	0	15.0		15.6		16.0		18.0											
	31 Do Do 2 Do									16.0		17.0		18.0		19.0		21.0		23.0		25.0		30.0		35	0	40.0					
	32 Do Do 3 Do									20.0		22.0		24.0		25.0		26.6		28.0		32.0		35.0		40.0		45.0		50.0		56	0
	33 Do Do 4 Do									21.0		23	0	25.0		27.0		29	0	31.0		34.0		38.0		42.0		47.0		54.0		60	0
	34 MALLEABLE CAST ROUND ELBOW	0.6		0.6½		0.7		0.8		0.10		1.2		1.9		2.3		3.0		3.6		5.6		9.0		12.0		15.0		30	0	40.0	

DISCOUNTS | *BLACK GAS* — PER CENT
GALVANIZED DITTO — PER CENT

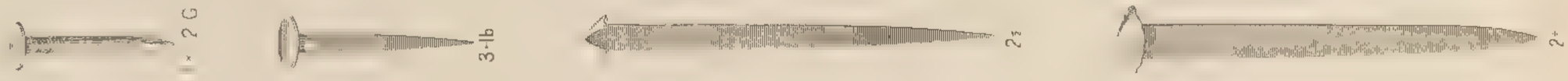
Galvanized Water Tubes etc., etc., as below—
Galvanized Water Tubes, tested to 200lbs Hydraulic Pressure per cent.
Steam Tubes, painted red, tested to 600lbs. ,, ,, per cent.
,, galvanised ,, ,, ,, per cent.

NOTE—DISCOUNTS quoted at present price of Materials and subject to alteration without notice.
All Tubes of exact lengths and all lengths from 2-ft. to 6-ft. will be charged 2½% less gross discount.
If sent from Station in Bristol 2½% less gross discount, and sent carriage forward.
Carriage paid to any Railway Station on Orders amounting to 50/ net and upwards sent direct from works.

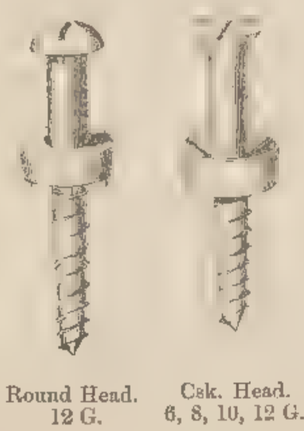


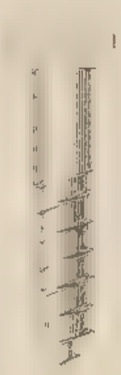
Patent Rose and Patent Clasp are also supplied in Steel. The Drawings only partly represent our Stock of Nails.

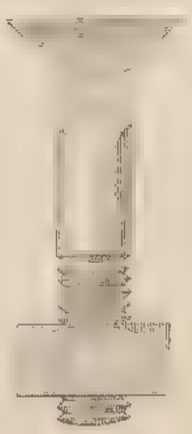
NAILS.

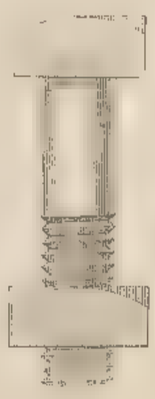


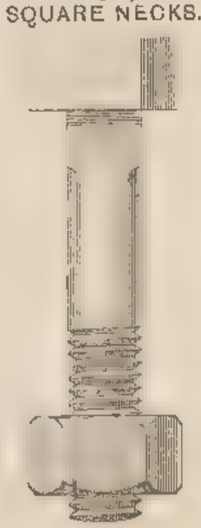
BOLTS AND NUTS.

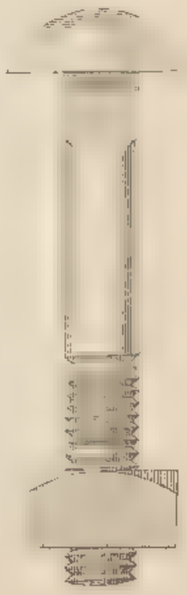












4 4½, 5, 5½, x $\frac{5}{16}$, 6 x $\frac{3}{8}$-in.

The varieties described represent in many cases but a small selection from those in stock. Further details and prices will be sent on receipt of requirements

IRON, COPPER AND ZINC NAILS AND TACKS.

CUT STEEL NAILS.

Fine Clasp or Box Clout.

Length				Per cwt.
3 in. to 6 in				
1	1¼	1½	1¾ in	Per cwt extra
5/6	3/6	2/-	1/6	
2	2¼	2½	7 in	
1/-	1/-	6d	6d	

Half-ton lots and upwards, 3d. per cwt. less.

Sheet Brads.

Length	Per cwt
2½ in	
2¾ ,,	
3 ,,	
3½ ,,	

2 in 6d, 2¼ in 3d cwt extra

Lath.

1 in.	per cwt.

⅞ in 1/- per cwt extra

Malleable Slating Nails.

Length	Per cwt
1 in	
1½ ,,	
2 ,,	
Galvanized	

SLATING NAILS.

Wire Slating Nails.

Length.	Gauge.	Per cwt
1¼, 1¾ & 2 in.	10	
Galvanized		

Zinc Slating Nails.

Length.	Per cwt.
1¼ in.	
1½ ,,	
1¾ ,,	
2 ,,	

¾ in, 1 in per lb

Cast Wall Nails.

Length	Per cwt
1¼ in.	
1½ ,,	
1¾ ,,	

Cast Tile Pegs.

Length.	Per cwt
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
Galvanized	

Cast Garden Loops.

2 in	per cwt
Galvanized	

BEST WROUGHT NAILS, &c.

Fine Clasp.

Length	Per cwt
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	
3 ,,	

Best Rose.

Length	Per cwt
2 in	
2½ ,,	
3 ,,	
3½ ,,	

Fine Spikes.

Length	Per cwt
4 in	
5 ,,	
6 ,,	
7 ,,	
8	
9	
10	

Cellar Hobs. Per cwt

20 lb	
28 ,,	

Best Fine Western Rag.

Length	Per cwt
1¾ in	
2 ,,	

Best Fine Gate Nails.

Length.	Per cwt.
2½ in.	
3 ,,	
3½ ,,	

Best Round Head Clout.

Length	Per lb.
⅞ in	

Counter-sunk Clout.
(Best Iron)

Length.	Per cwt.
¾ in.	
1 ,,	
1¼ ,,	
1½ ,,	
1¾	
2	
2½ ,,	
3 ,,	

Patent Steel Tenter Hooks.

Length.	Per lb
1½ in.	
Galvanized	

Rose Head Pipe Nails.

Length.	Per cwt.
3 and 3½ in.	
Galvanized	

Raised Head Pipe Nails or Tram Spikes.

Length	Per cwt.
3 in × 5/16 in	
3½ ,, ,,	
4 ,, ,,	

BEST FINE WROUGHT NAILS. Per Packet.

Best Fine Clasp.

16 oz	⅞ in.
1½ lb	1 ,,
3 ,,	1½ ,,
5 ,,	2 ,,
7 ,,	2⅜ ,,

Best Flemish Tacks.

8 oz	⅜ in.
10 ,,	7/16 ,,
14 ,,	9/16 ,,
16 ,,	⅝ ,,

Coopers' Flats.

12 oz.	⅝ in
16 ,,	¾ ,,
1¼ lb	⅞ ,,
2 ,,	1 ,,
3 ,,	1¼ ,,
4 ,,	1½ ,,
5 ,,	1¾ ,,

Fine Joiners' Brads or Batten.

6 oz	⅝ in
8 ,,	¾
14 ,,	1
1¼ lb	1¼
2 ,,	1½

Best Fine Clog.

1¼ lb.	⅞ in.

Best Clout.

1¼ lb	11/16 in.
1½ ,,	¾ ,,
2 ,,	⅞ ,,
2½ ,,	1 ,,
3 ,,	1⅛ ,,
4 ,,	1¼ ,,

PATENT WROUGHT NAILS

Strong Patent Rose.
(Cordes' Best Brand.)

Length.	Per Cwt.	Length.	Per Cwt
1½ in.		3½ in	
1¾ ,,		4 ,,	
2 ,,		4½ ,,	
2¼ ,,		5 ,,	
2½ ,,		6 ,,	
3 ,,			

Best Patent Rose (Sharp Points).
(Cordes' Best Brand.)

	Per cwt
2 in.	
2½ ,,	
3 ,,	

Fine Patent Clasp.
(Cordes' Best Brand.,

	Per cwt.
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	

Patent Steel Clasp.

	Per cwt
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	

Steel Patent Rose.

	Per cwt.
1½ in	
2 ,,	
2¼ ,,	
2½ ,,	
3	
3½	
4	
4½	
5	
6 ,,	

Patent Steel Gate Nails, Sharp Points and Large Heads. Per cwt

2½ in.	
3 ,,	

COPPER NAILS. Per lb. *14 lbs. and up 1d. per lb. less.*

Copper Boat Nails. Rose Heads.

½ in.	16 gauge	
⅝	15 ,,	
1	14 ,,	
1¼	13 ,,	
1½	12 ,,	
1¾	12 ,,	
2	12 ,,	
2½	11 ,,	

Copper Boat Nails. Flat Heads.

½ in	17 gauge	
⅝ ,,	17 ,,	
¾ ,,	17 ,,	
1 ,,	17 ,,	
1¼ ,,	16 ,,	
1½ ,,	15 ,,	
1¾ ,,	14 ,,	
2 ,,	13 ,,	

Round Copper Roves.

¼ in	
5/16 ,,	
⅜ ,,	

Wrought Copper Tacks.

¾ in.	
1 ,,	

Cut Copper Tacks.

¼ in	
½ ,,	
⅝ ,,	
¾ ,,	
⅞ ,,	
1 ,,	

Copper Slate Nails.
1½, 1¾ & 2 in.
If in 1 cwt lots.

Copper Rivets or Washers.
⅜ in × 8 G & larger

Stock Sizes are:

⅜ in. × 8 gauge	
½ ,, × 6 & 8 gauge	
⅝ ,, × 6 & 8 ,,	
¾ ,, × 6 & 8 ,,	
1 ,, × 6 gauge.	

TACKS, BRADS, &c. *If in 10 m. Packets, 10 per cent. less*

Fine Cut Tacks.

	Blued	Tinned
¼ in	₩ m.	₩ m
⅜	...	
½	...	
⅝	...	
¾	..	

Fine Cut Tacks. Black

	Per cwt
⅜ in.	
½ ,,	
⅝ ,,	
¾ ,,	

Cut Tacks in 1d. Boxes.
½ inch

	Per gross.	Per dozen
Blued		
Tinned		

Improved Extra Strong Cut Tacks.

	Blued	Tinned
½ in	₩ m	₩ m
⅝	...	

Extra Strong Carpet Tacks.

	Per cwt.
⅝ in	

Extra Strong Patent Steel Reliable Carpet Tacks.

	Per cwt.
⅝ in	

Fine Steel Cut Joiners' Brads.

Length	Per cwt
½ in.	
¾ ,,	
1 ,,	
1¼ ,,	
1½ ,,	
2 ,,	

Cut Bills
for Picture Frame Work

	Per cwt
⅝ in × 17 G	

Patent Steel Reliable Tacks.

	Blued	Tinned
¼ in	₩ lb.	₩ lb.
⅜	...	
½	...	
⅝	...	
¾	...	

Patent Wire Tacks.

Length.	Blued Per m.	Tinned Per m.
⅜ in		
½ ,,		
⅝ ,,		

Wire Gimp Pins (19 Gauge).

	Coated Black.	or Tinned.	Brass
⅜ in			
½ ,,			
⅝ ,,			

Cut Gimp Pins. Black

	Per lb
⅛ in.	
½ ,,	

Coach Pins.
Japanned Per lb

⅜ in	
½ ,,	
⅝ ,,	
¾ ,,	

Coffin Pins.

	Black	White	Per lb.
⅝ in			

Bright Panel Pins.

	Per lb
⅝ ¾ ⅞ × 17 G	
1 1¼ × 16 G	
1½ × 15 G	
Brass ¾, ⅞ in × 17 G	

Brass Escutcheon Pins.
⅜, ½, ⅝, ¾, ⅞, 1, 1¼ in
Per lb

WIRE NAILS. *Half Ton Lots and upwards, 5 per cent. less.*

Best Wire Nails.
Chequered Csk Heads.

Length.	Gauge.	Per cwt.
¾ & 1 in	15	
1 ,,	14	
1¼, 1½ & 1¾ in	13	
1½, 1¾ & 2 in	12	
1¾ & 2 ,,	11	
2, 2¼, 2½ & 3 in	10	
2½ ,,	9	
3, 3½ & 4 in	8	
4 & 5 ,,	6	
6 ,,	5	

Pointless Wire Nails, same price

Patent Strong Wire Counter-sunk Clout.

Length.	Gauge.	Per cwt.
¾ in	9	
1 ,,	8	
1¼ ,,	7	
1½ ,,	6	
1¾ ,,	5	
2 ,,	5	
2¼ ,,	4	
2½ ,,	3	
3 ,,	2	

Cheaper make quoted on application.

Bright Wire Clout.

Length	Gauge.	Per cwt.
1 in	11	
Galvanized do		

Blued Wire Clout.

Length.	Gauge.	Per cwt.
¾ in	14	
¾ ,,	12	
1 ,,	14	
1 ,,	12	
1¼ ,,	11	

Bright Wire Joiners' Brads.

Length.	Gauge.	Per cwt.	Per lb.
½ in	19		
⅝ & ¾ in	18		
1 in	17		
1¼ ,,	16		
1½ & 1¾ in	15		
2 ,,	14		
2½ ,,	14		

Blued Oval Wire Brads.

	Per cwt
¾ in	
1 ,,	
1¼ ,,	
1½ ,,	
1¾ ,,	
2 ,,	
2½ ,,	
3 ,,	
4 & 5 in.	

Wire Lath Nails.

Length.	Gauge.	Per cwt
1 in	14	

Galvanized Wire Felt Nails.

	Per cwt.
¾ × 12 in	

cwts 1 , ½ cwt - per cwt. extra 14 lbs as 12 lbs 7 lbs as 6 lbs

BOLTS AND NUTS.

STEEL MUSHROOM HEAD BOLTS AND NUTS, SQUARE NECKS AND NUTS.

	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5	5½	6	7	8	9	10	12 inch
¼ inch																			

BEST BRIGHT COACH BOLTS AND NUTS, CHEESE HEAD OR COUNTERSUNK FOR WOOD.

	1½	2	2½	3	3½	4	4½	5	6 inch.
¼ inch				gross.					cwt.
,,				,,					,,

	1½	2	2½	3	3½	4	4½	5	6 inch
⅜ inch				gross					cwt.
½ ,,									,,

ENGINEERS' BOLTS AND NUTS, SQUARE HEADS AND NUTS, ROUND NECKS.

	1	1¼	1½	2	2½	3 inch	3½	4	4½	5	6	7	8	9	10	12	14	15	16	18	20	21	24 inch
¼ inch						per gross																	
																							per cwt
																							,,

ENGINEERS' BOLTS AND NUTS, HEXAGON HEADS AND NUTS, ROUND NECKS.

Length	1	1½	2	2½	3	3½	4	5	6 inch
¼ inch					per gross				
									per cwt

COACH SCREWS.

	1½	2	2½	3	3½	4	5	6	7	8	9 inch
¼ inch				per gross							
											per cwt

BOLT ENDS, WITH SQUARE NUTS.

	⅝	¾	⅞	1	1⅛	1¼ inch.
						per cwt

BOLT ENDS, WITH HEXAGON NUTS.

1¼ inch, per cwt

NUTS.

Machine made, tapped—

	5/16	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	1⅛	1¼ inch.
Square					gross							cwt
Hexagon												

Hand made untapped

Square

Hexagon

RIVETS.

MACHINE MADE, SNAP HEADS—

	½	⅝	¾	1	1¼	1½	1¾	2	2½	2½	3 inch
1/16 inch											per cwt
¼											,,
⅝											,,
⅜											
½											
⅝											
¾											
⅞ ,,											,,

Pan Heads, 1½ × ⅝ in ... ... per cwt

Bright snap heads, ⅛ × ⅜ in ... ... per lb.

,, ,, ,, 3/16 or 6G × ½ and ¾ in. ... ... ,,

Patten, ¾ and 1 in long ... ... per lb.

Tyre, 3, 3¼ and 3½ in. long ... ... ,,

Tyre Burrs ... .. No. 12, , No 14, ; No. 16, per gross.

Rivetting Burrs ... ¾ × 3/16 ⅞ × ¼ 1 × 5/16 1⅛ × ⅜ inch per gross.

Machine made Coopers' Rivets

Weight	Length	per lb
1 lb	¼ inch.	
1		
2	⅝	bare
3	⅝	full
5		
10		full
12		
15	⅝	

Tinman's Rivets

No.	Weight.	Per Packet Black	Per Packet Tinned.
6	14 oz		
8	1¼ lb		
10	2		
12	3		
14	5		
16	7		

Round Washers—

3/16	¼	5/16	⅜	7/16	½	9/16	⅝	11/16	¾ inch
									per gross

12 gross and upwards of a size 10 per cent less

Weighty Washers, 12 gauge, stock sizes 7/16 to 1¼ in. ... ... per cwt.

Square ,, 3 × 3 × ¼ for ⅝, ¾, ⅞ and 1 in. bolts ... ...

SET SCREWS, WHITWORTH THREAD.

Bright, square Heads—	¼	5/16	⅜	7/16	½	⅝ inch
⅝ inch						per gross.
¾						,,
1						
1¼						
1½						
2						
Black, square heads— 1½ ,,						per lb
2						
Bright, hexagon heads— ¾ ,,						per gross
1 ,,						,,
1¼ ,,						,,
1½ ,,						,,
2 ,,						,,

TEE HEAD BELT BOLTS, AND SQUARE NUTS, WITH WASHERS.

1 × ¼ 1¼ × 5/16 1½ × ⅜ inch. per dozen

HANDRAIL SCREWS, WITH TWO NUTS.

	4	4½	5	5½	6	8 inch
5/16 inch						per dozen.
⅜						
½						

TAPPED WING NUTS.

¼	5/16	⅜	7/16	½ inch.
				per dozen

BALL HEAD BOLTS AND NUTS.

	1	1¼	1½	2 inch.
3/16 inch				per gross.
¼ ,,				,,
⅜				

MACHINE MADE CUPS FOR COUNTERSUNK SCREWS.

Nos.	6	8	10	12	14
					per gross.

2 cwt and up when sent direct from Works carriage paid to principal Railway Stations by special arrangement.
Where price is given per cwt. it is for full bags of 1 cwt ½ cwts 1/- ¼ cwts. 2/- per cwt. extra

BAR AND SHEET IRON, STEEL, CHAINS, &c.

BAR IRON.

Bars, ½ in to 3 in round and square, and flats — per cwt
G B. — In ½-ton lots, 3d per cwt less

Best Staffordshire Brand — per cwt
B H

Extras—per cwt
Small Rounds and Squares, 7/16 in 6d, ⅜ in 1/-; 5/16 in 1/6, ½ in. 2/-; 3/16 in 4/
Half-rounds above 1 in 6d extra to Flats, 1 in × ⅜ in 1/; ⅞ in and ¾ in. × 5/16 in 2/; ⅝ in × ¼ in 3/-; ½ in × 3/16 in. 4/-

Small Flats
Al. 3/16 in. 6d — [illegible] 6d — [illegible] 6d
1 in × 5/16 in 1/-, — [illegible] 1/6, — [illegible] 2
⅝ in × ¼ in 1/6, — [illegible] 2 — [illegible] 2
½ in × ¼ in 3/-; — [illegible] 1 — [illegible] 2
¾ in. × 3/16 in 2/6, — ⅝ in × [illegible] 3 — [illegible] 4
⅝ in × ⅛ in. 4/-; — ½ in × [illegible] 6 — [illegible]

ANGLE IRON.

1½ in × 1½ in × ¼ in and thicker, to 8 united inches — per cwt

Extras per cwt
1¼ in × 1¼ in × 3/16 in 1 — [illegible] 2
¾ in × ¾ in × ⅛ in 3 — ⅝ in × ⅝ in × [illegible] 4
½ in × ½ in × ⅛ in [illegible]

STOCK SIZES

In Bars about 16 ft long
½ in × ½ in × ⅛ in. — ⅝ in × ⅝ in. × ⅛ in — ¾ in × ¾ in × ⅛ in
1 in × 1 in × 5/16 in — 1¼ in × 1¼ in × 3/16 in — 1½ in × 1½ in × ¼ in

In Bars about 30 ft long
2 in × 2 in × ¼ in — 2½ in × 2½ in × ⅜ in — 3 in × 3 in × ⅜ in
3½ in × 3½ in × ⅜ in — 4 in × 4 in × ½ in

TEE IRON.

1 in × 1 in × ¼ in and thicker, to 8 united inches — per cwt

Extras per cwt
1¼ in × 1¼ in × 3/16 in 1/-; 1 in × 1 in × 3/16 in 2/-
¾ in × ¾ in × ⅛ in. 3/-; ⅝ in × ⅝ in × ⅛ in. 4/
1 in and larger 1½d per lb; smaller, 2d per lb

STOCK SIZES

In Bars about 16 ft long
⅝ in × ⅝ in × ⅛ in — [illegible] — 1 in × 1 in × 3/16 in
1¼ in × 1¼ in × 3/16 in — [illegible]

In Bars about 30 ft long
2 in × 2 in × ¼ in — 2½ in × 2½ in × ⅜ in — 3 in × 3 in × ⅜ in
4 in × 3 in × ⅜ in — 3½ in × 3½ in × ⅜ in — 4 in × 4 in × ½ in

HOOP IRON.

Best Coopers' 1 in to 4 in ... ... — per cwt
Extras per cwt. .. 4½ in to 7 in 1/-; ⅞ in 1/-; ¾ in 2/-; ⅝ in 4/; ½ in. 7/-

Builders', for tongueing, 8 in × 15 gauge, 364 feet per bundle of 56 lbs ... ... — per cwt
In ton lots, 6d per cwt less

Galvanized Coopers', 1 in to 1½ in ... — per cwt
Extras—per cwt ⅞ in 1/-; ¾ in. 2/-

A cheaper brand, suitable for Builders' purposes, will be specially quoted for on receipt of particulars of requirements.

Approximate length of Hoops per 56 lb. bundle—

Width ...	½	⅝	¾	⅞	1	1⅛	1¼ inch
Gauge ..	20	20	20	19	18	18	17
Feet ...	700	670	525	480	320	300	220
Width ...	1⅜	1½	1¾	2	2¼	2½	3 inch
Gauge ..	16	16	16	14	13	12	12
Feet ...	185	170	150	100	90	70	50

Galvanized, 5 per cent less

SHEET IRON.

Sheets, 72 inch × 24 inch.

Staffordshire, to 20 gauge ... — per cwt
22 and 24 gauge, 1/ extra

B B. Wilden, 18 and 20 gauge .. ... — per cwt
22 and 24 gauge, 1/6 extra

SHEET IRON—*Continued*

Best Steel Sheets, cold rolled and close annealed, to 20 gauge ... — per cwt
22 and 24 gauge, 1/6 extra

B Charcoal, 20 gauge .. .. — per cwt
22 and 24 gauge, 1/6 extra

B B B Galvanized, 20 gauge ... — per cwt
22 and 24 gauge, 1/- extra
[illegible] gauge also kept in stock [illegible]

A cheaper Galvanized Sheet will be quoted for on receipt of specification of requirements

Best Charcoal Tinned, polished, 72 × 30 in 22 and 24 gauge ... . — per cwt

IRON PLATES.

STOCK SIZES — Per cwt

¼ in thick 6 ft × 2 ft 6 ft 6 in × 2 ft. 6 in 7 ft × 3 ft 7 ft × 4 ft 8 ft × 3 ft 6 in 8 ft × 4 ft 10 ft × 4 ft 12 ft × 4 ft 12 ft 6 in × 4 ft 6 in
⅜ in thick, 6 ft × 2 ft. 6 ft 6 in × 2 ft 6 in 7 ft × 3 ft
½ in. thick 6 ft × 2 ft. 6 ft × 2 ft 6 in 6 ft × 3 ft 6 ft 6 in × 2 ft 6 in 7 ft × 3 ft
⅝ in. thick, 6 ft × 2 ft 6 ft × 2 ft 6 in 6 ft × 3 ft & 7 ft × 3 ft

HORSESHOE IRON. Best Quality.

Single Fullered ⅞ in and up .. — per cwt
Double Fullered or Concave " .. "
⅝ in 2/, ¾ in 1/- per cwt extra
A cheaper quality can also be supplied

HORSE SHOES.

	Under 4-in. wide or any size if made of ⅝-in iron.	Under 4½-in. wide or any size if made of ¾-in. iron	4½-in. wide and upwards.
Argyle Fullered Fore Shoes			per cwt
Rodway's Patent "			"
Patent Fullered " "			"
Hand made " "			"
Stamped " "			"
Hand made " "			"
Concave " "			"
Fullered Hind Shoes ...			"
Stamped Hind Shoes ...			"
Hand Fullered Concave Hind Shoes			"

CHARLIER STEEL ... — per cwt
⅜ × ¼ in 7/16 × 5/16 in ½ × ⅜ in ⅝ × 7/16 in ¾ × ½ in

SASH IRON, half or full, 1, 1¼, 1½, 1¾ & 2 in — per cwt
Ditto, round topped, 1 × 9/16 × ⅛ in. ... "

MOULDED IRON, 1 and 1¼ in ... "
A variety of sections of MOULDED SASH IRONS, L IRONS, and Z IRONS *Prices on application*

SHEET LEAD, in Sheets or Half sheets .. ... — per cwt
3 and 3½ lb 1/- per cwt extra — If cut, 1/- per cwt, extra.

LEAD PIPE in Coils ... — per cwt

COMPO PIPE " .. "
Cutting Pipe to length 1/ per cwt extra

LEAD SASH WEIGHTS ... ... — per cwt

SHEET ZINC, V.M
9 to 14 gauge, 8 ft × 3 ft sheets — per cwt
6 gauge .. .. "
In 10 cwt casks, 6d per cwt less

Approximate weight per sheet	No. 6	9	10	11	12	14
	10	15½	17¼	20	23	28 lbs

Perforated Zinc, see page 86

BLOCK TIN in Ingots ... . — per lb
Cut

PLUMBER'S SOLDER .
FINE OR TINMAN'S SOLDER
BLOW PIPE SOLDER .. ..

CHAIN.

	¼	5/16	⅜	7/16	½	5/8	¾ inch
Proved Short Link							per cwt
Best Proved Crane, warranted ..							per cwt

Attested proof of Short Link Chains (Government Scale)

Size of Chain.	3/16	¼	5/16	⅜	7/16	½	⅝	¾ inch
	5	10	25	35	65 cwt.	3	4½	6¾ tons

For safety, it is recommended that Chains should not be worked above one-half of test but when used in blocks may be worked up to half test multiplied by number of sheaves; for example, ½ in. chain (single), 1½ ton; in blocks of 1 and 2 sheaves, 4½ tons.

Best Close Link Pulley and Curb Link—

	3	4	5	6	7	8 wire gauge
Approx. weight per yard	2	1¾	1½	1⅛	1	¾ lb

per cwt

Best Fine Coil, Plain or Twisted
8 oz 12 oz 16 oz 1¼ lb 1½ lb 2 lb & 2½ lb
per cwt

Cart Traces, 9 Link .. — per cwt
Plough " 9 Link, 2/ per cwt extra
Back Bands, assd 3½ lb to 6 lb — per cwt
" Light, 2½ lb to 3¼ lb. "
Belly Bands ... ... — per dozen
Swivels Hame, assorted "
" Trace, assd ¼ & 5/16 in
Cattle Ties, 5 in Ring medium weight, 5/16 in. "
" Three Chain " "

SHEET COPPER

In Sheets, 8 lbs and upwards ... — per lb
7 lbs. and under, 1d per lb extra
Cut to size "

SHEET BRASS

In Sheets, 24 in × 48 in, 11 to 24 gauge, 3/16 ¼ in "
" rolled, 18 in wide × 15, 16 and 17 gauge "
Cut to size "

BRASS ROD, 6 ft. long, 9/16 in to ½ in "

BRASS TUBES, Rough, ⅞ in to 1 in "
¼ in and 5/16 in, 1d per lb extra
Annealed for bending, 1¼ in, 1½ in, 1¾ in, 2 in, 2½ in "
If cut, 1d per lb extra

COPPER TUBES, 7 ft long, ⅜ in and ½ in "
¼ in 1d per lb extra

COPPER, ⅝ in to 2 in in Bars "
Cut
½ in round, 1d per lb extra

BRASS WIRE, 1 to 17 gauge ..
Soft, in 1 lb hanks, 24 gauge, 3d, 26 gauge, 4d per lb extra
In ½ oz knots, 20 gauge, 5d per lb extra

BEST COPPER WIRE, 1 to 19 gauge ... — per lb
If 14 lb and upwards, 1d less
In 1 lb. hanks, 20 g 1d., 22 g 2d, 24 g 3d, 26 g 4d per lb extra
In ½ oz Knots, assorted, 20 to 24 gauge, 5d per lb extra

STEEL.

Stubs's Crucible Cast Steel ... per cwt — per lb
3/16 in 2d per lb extra
" (L) Blister ... ... per cwt — per lb.

Oxley's Spring Steel, No 2 ... " "
" Best Cast Steel, for cold chisels, etc, square or octagon — per cwt
" Cast steel, for jumpers, octagon "
" Best Double Shear Steel, for smiths' tools, punches and dies "
" Double Shear Steel for smiths' tools only "
" Parkgate Rolled Steel for Drifts ... "
If cut, 1d per lb extra

These Prices are from Stock in Bristol, quantities sufficient to be sent direct from Works will be specially quoted for.

RAIN WATER AND SOIL PIPE CASTINGS.

HALF-ROUND GUTTERS AND CONNECTIONS.

PAINTED ONE COAT

Sizes	3	3½	4	4½	5	6	inch
Gutters, 6 ft lengths..							yard
,, 2, 3, and 4 ft.							,,
Angles, square or obtuse							each
,, with outlets cast in							,,
Nozzle Pieces ..							,,
T ,, ...							,,
Stop Ends, loose ...							,,
End Pieces, with outlet							,,
Union Clips ...							,,

Bolts and Nuts, per gross; per dozen

Prices 7, 8 and 9 in upon application

Galvanizing above, per cwt.

O. G. GUTTERS AND CONNECTIONS.

PAINTED ONE COAT. STOCKED WITH LEFT HAND FAUCET

Sizes	2½, 3, & 3½	4	4½	5	6	inch.
Gutters, 6 ft lengths ...						yard.
,, 2, 3, and 4 ft						,,
Angles, square or obtuse						each
,, with outlets cast in						,,
Nozzle Pieces... ...						,,
Stop Ends, loose ..						,,
End Pieces, with outlet ..						,,
Union Clips						,,
Lion Heads, cast on or loose ...						,,

Bolt and Nuts, per gross, per dozen

Galvanizing above per cwt

ROUND RAIN WATER, STOVE, OR LIGHT SOIL PIPES.

PAINTED ONE COAT, EXCEPT STOVE PIPES

Sizes	1½	2	2½	3	3½	4	4½	5	6	inch
Pipes, 6 t. ...										yard
,, 2, 3, or 4 ft....										,,
Heads, flat or angle										each.
Shoes										,,
Bends, square or obtuse										,,
,, ,, with improved soot door										,,
Swan Necks or Plinth Bends, 1½, 2½, or 3 in offset										,,
,, 4½ and 6 in offset										
,, 9 in ,,										,,
,, 12 in ,,										,,
,, 15 in. ,,										,,
,, 18 in ,,										,,
,, 21 in. ,,										,,
,, 24 in. ,,										,,
,, 30 in ,,										,,
Loose Sockets ...										,,
Single Branch Pipes										,,
Double ,, ,,										,,

Diminishing Pieces, 2 in. Socket, 3 in Spigot ... .. each

,, ,, 3 in ,, 4 in. ,, .. ,,

4 in. Single Branch Pipe, with 2 or 3 in. Branch ,,

T Piece 3 in with 2 or 3 in Branch ,,

,, 4 in, with 2 or 4 in ,, ,, ... ,,

Prices of 7 and 8 in Pipes on application

Plain Angle Ears, cast on Pipes and Fittings, extra each Ear

Galvanizing above, cwt

4 in. Galvanized Light Soil Pipe, in 6 ft. lengths ... .. yard

,, ,, ,, ,, in 2, 3, 4 ft lengths ... ,,

3 in. ,, ,, ,, in 6 ft lengths .. ,,

,, ,, ,, ,, 2, 3, 4 ft. lengths . ,,

Galvanized Fittings double the price of Black.

Bonnet Tops ...	2	2½	3	3½	4	4½	5	6	inch
									each.

Galvanized Wire Pipe Guards: For 2 in. Pipe... dozen ... each; For 3 in .. ,,; For 4 in ,, ... ,, . ,,

Galvanized Gutter Caps for 2 2½ 3 in. Outlets dozen

	3	3½	4	4½	5	6	inch.
No. 2 Bracket for half round Gutter to screw on Facia ..							gross.
							doz.
No. 3.—Do, do., to screw on side of Rafter							gross
							doz.
No. 5 —Do., do., to screw on Facia, price same as No. 3							
No. 6.—Do., to drive							gross.
							doz.
No. 9 -Do, O G. Gutter to screw on Facia							gross
							doz.
No. 8 —Do, do., to drive							gross
							doz

	2	2½	3	3½	4	5	6	inch
No. 7 —Rain Water Pipe Hooks								gross
								doz

Pipe Nails, 3 in, 3½ in 4 in × $\frac{5}{16}$ in. ... cwt ... lb

,, Rose Head, 3 in, 3½ in × $\frac{5}{16}$ in. .. ,, . ,,

,, ,, ,, Galvanized ,, ... ,,

HEAVY SOIL PIPES.

WITH OR WITHOUT EARS COATED WITH SMITH'S SOLUTION

4 in Heavy Soil Pipes, in 6 ft. lengths, weighing 60 lbs per length ... ... yard.

Ditto, 2, 3, 4 ft, per yard extra ... ... ,,

Bends for ditto, 95° or 112½°... ... . each

Single Branch Pieces for ditto, 112½° ... . ,,

,, ,, ,, with patent joint for connecting to lead pipe, 100° ... ... ,,

Swan Necks 4 in × 3 in 6 in 9 in 12 in projection each

MEDIUM SOIL PIPES

WITH or WITHOUT EARS, PAINTED RED INSIDE & OUT

4 in Medium Soil Pipes, in 6 ft lengths, weighing 46 lbs per length ... . yard

Ditto, 2, 3, 4 ft., per yard extra . ...

Bends for ditto, 95° or 112½° . .. each

Bend, with Rest for ditto, 112½° . ,,

Single Branch Pieces for ditto, 112½° . ... .. ,,

Double ditto .. .. ,,

Swan Necks ... 4 in × 3 in. 6 in. 9 in. 12 in projection each

SOIL PIPE CONNECTIONS.

SUITABLE FOR MEDIUM OR HEAVY PIPES

No 2.—4 in Branch Piece, with arm 18 in projection, and Socket 5⅜ in diam in clear to suit Farthenware Pipe or P Trap, for 9 in wall, each; also with 24 in arm, each

No. 4.—Short Piece, with Socket 5⅜ diam. in clear, to connect from Earthenware Pipe to Iron Pipe, 8 in long, each

No. 5 —4 in. Branch Pipe, arm 17 in, long to centre of Socket, with Socket 5⅜ in. in clear to suit Earthenware S Trap, for 9 in wall, each; also with 21 in arm, each

SOIL PIPE CONNECTIONS.

LIGHT

No 1 —4 in Bend, 17½ in. long, with Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or S Trap, each

No 2 4 in Branch Piece, with arm 18 in projection and Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or P Trap, for 9 in. wall, each; also with 24 in arm, each

No 3 — 4 in Tee Piece, with 2 in. Branch to connect Air Pipe, each

No 4 Short Piece, with Socket 5⅜ in diam in clear, to connect from Earthenware Pipe to Iron Pipe, 8 in long, each

No 5 —4 in Branch Pipe, arm 17 in long to centre of Socket, with Socket 5⅜ in in clear to suit Earthenware S Trap, for 9 in wall, each; also with 21 in arm, each

No. 6 —4 in Branch Pipe, with 6 9 12 18 24 in branch each

4 in., with 6 in. Branch, with Socket for 3 in. Ventilating Pipe, price each

4½ in ditto, ditto, with 4 in Branch, 6 in. projection, each

BRASS SOIL PIPE CONNECTIONS.

4 in Brass Thimble, with turned-end Socket, 5½ in diam in clear, to connect from Earthenware Pipe to Lead Pipe, 4½ in long, weight about 2¼ lb each, per lb

4 in Brass Ferrule, with turned-end, to connect Iron Pipe to Lead Pipe, 5 in long, weight about 1¾ lb. each, per lb

Prices of Galvanized Wrought Iron Gutter and Pipes will be quoted on receipt of requirements.

RAIN WATER AND SOIL PIPE CASTINGS.

For prices of above see fly leaf, but as prices are subject to alteration without notice, latest quotations will be sent on receipt of specifications of requirements.

PRICE LIST FOR GOODS on page 107.

RAIN WATER HEADS, Painted one coat.

C 1 **Flat or Angle** ... 2 2½ 3 3* 4 4½ 5 6 inches
2/3 2 8 3/- 3/4 4/- 4/4 each

C 2 ,, 3 3 4 4½ in. round and up to 4 in × 3 in
3 9 each

C 3 2 4½ 4 inches
3/- 3 6 3 4 3 each
up to 3 × 2½ 5 × 3½ inches
3/4 5 6 each

C 4 ,, ,, 9 10 12 inches deep from front to back for pipe up to 5 × 3½ ins, 4 3 × 4 ins., 5/- ; 5 × 6 ins, 5 9 each

C 5 **Flat** 8½ × 6 12 × 8½ inches at top
for pipe up to 4 × 3 8/3 4½ × 3½ ,, 10/- each
Angle 9 × 8½ inches at top
for pipe up to 4 × 3 8 3 4½ × 3½ ,, 12

C 6 — **Flat or Angle,** with overflow up to 4 in, 5/9 each

C 7 ,, ,, ... up to 4 × 3 inches, 8 3

C 8 **Flat** ,, ,, for pipe up to 4½ × 3 1
Angle ,, 3 × 3 8 9

C 9 **Flat** Round, 2 to 3 in 7¾ × 5½ × 11¾ in
Square, 2½ × 2 to 3 × 3 8 3
3½ to 4½ in 13 × 9 × 1 in
3½ × 3½ to 5 × 4 in 16/6
Angle Round 2 to 3 in 8½ × 8½ × 15¼ in
Square 8/3 2½ × 2 to 4 × 3 in 13/

C 14 **Flat** 11/3 12 9 16/6 19/6 22/6 30/- each

C 12 — 3 × 2 3 × 2½ 3 × 3 3½ × 2½ 4 × 2 4 × 2½ 4 × 3 4 × 4 5 × 3½ 5 × 4 6 × 4 ins
9/- 9/- 9/- 10 6 13 6 13/6 13/6 15/- 16/6 18/- 19/6 each

C 10
C 13 11 3 11 3 1 3 1 15 15 15 18 22

C 11 **Flat** ... up to 4 × 4 in, 11/6 each, **Angle** up to 3 × 3 in, 10/9 each
Ornamental Ears cast on or loose, 9d per Head extra

MOULDED GUTTERS, Painted one coat.

A large number of other Sections are also made

C 16 **Deep Half Round** .. 4 × 3 4½ × 2½ 4½ × 3½ 5 × 4 ins
1/10 per yard

C 17 4 × 2½ 5 × 3 5 × 3 6 × 4 6 × 4½ ins
1 9 1 7 1 10 2 3 2 9 per yard

C 18 3½ × 2½ 4 × 3 5 × 3 6 × 4 ins
1/6 1/9 1/8 1/11 2/4 2/5 2/6 3/ per yard

C 21 3½ × 2½ 4½ × 3½ 6 × 4½ 8 × 6 10 × 6 ins
1 4 1 9 1 11 2 7 3 4 3 10 4 6 5 4 per yard

C 22 3 × 2½ 4 × 3 4 × 4 4½ × 3½ 5 × 3 5 × 4 5½ × 5 6 × 4 6 × 4½ 7 × 5 ins
1/6 1/9 2/3 2/- 2/- 2/3 3/- 2/7 2/9 3 6 per yard

C 23 4 × 3 4½ × 3 5 × 3 5½ × 3½ 5 × 4½ 6 × 4 7 × 5 ins
1 7 1 9 2 2 2 6 2 9 3 3 6 5 9 per yard

C 24. 5 × 3 ins, 1,10, 6 × 4 ins, 2,6 per yard

C 25 — 4½ × 3½ 5 × 4 6 × 4 6 × 4½ 7 × 5 8 × 6 10 × 6 ins
1,10 2/ 2,6 2/9 3 4 6 5 6 per yard

	Width	Depth	Bottom	Size	Price per yd.
C 26	8 in. ×	5 in	5 in	5¾ in	3
	9 in	6 in	3¾ in	6¾ in	4
	10 in	4½ in	5 in	5½ in	3
	12 in	3 in	7½ in	4 in	3
	12 in	4 in	9½ in	5 in	4
	13 in	6 in	6¼ in	in	5
	14 in	4 in	10¾ in	4½ in	4
	14½ in	4½ in	14½ in	4½ in, extra heavy	7
	15 in	3¾ in	7 in	5½ in	4
	15 in	5 in	5 in	5 in	4
	15 in	5 in	7 in	7 in	4
	15 in	5 in	9 in	7½ in, extra heavy	6
	15 in	5 in	3½ in	5 in	4
	16 in	4½ in	7 in	5 in	5
	18 in	6 in	9 in	6 in	4
	18 in	8 in	14 in	9 in	4
	3 in	4 in	3 in	4 in	3
	4 in	4 in	4 in	4 in	3

	Width	Depth	Bottom	Size	Price per yd.
C 26 —	19 in. ×	5 in	3½ in	9 in	5 5
(*contd.*)	19 in	,, 5 in	5 in	8 in	
	19 in	5 in	9 in	7 in	5 5
	19 in	5¾ in	8 in	8 in	5 9
	20 in	4 in	2½ in	9½ in	5 10
	21 in	5 in	5 in	8 in	6
	21½ in	5½ in	7 in	7 in	6 9
	21½ in	5¾ in	16¼ in	6 in, extra heavy	11 6
	22 in	4½ in	8¾ in	8 in ,,	8 5
	23 in	6 in	6 in	11½ in	8
	24 in	,, 6 in	8 in	10 in	6
	24 in	6 in	9 in	9½ in., extra heavy	8
	25 in	6 in	6 in	11½ in	8
	25½ in	4 in	9 in	12 in	9 6
C 2	in	4 in	2¾ in	in	2 10
	in	4 in	4¾ in	4¾ in	3
	5 in	5 in	5 in	5 in	3 6
	5½ in	3 in	1⅝ in	4½ in	2 10
	6 in	4 in	6 in	5 in	3 7
	6 in	5 in	3 in	5½ in	3
	6 in	6 in	7 in	4½ in	4
	10 in	4 in	4½ in	in	3 6
	10 in	4 in	5¾ in	5½ in	3 9
	10 in	5 in	5 in	in	3 9
	10 in	4 in	4¾ in	8 in, high back	4 9
	11 in	3 in	4 in	7½ in	3
	11½ in	4 in	7¾ in	5 in	5
	12 in	4 in	6 in	in	4 9
	12 in	4½ in	4 in	8 in	4
	12 in	6 in	3½ in	11½ in	4
	12 in	in	9 in	8 in	5 3
	12 in	in, heavy	5 in	8 in	8
	13 in	5 in	7½ in	8 in	4
	13 in	5¾ in heavy	5 in	11¼ in	high back 6 3
	14 in	4 in	5 in	8 in	4
	14 in	5 in	8 in	8¾ in	4 9
	14 in	5 in	6½ in	9 in	4 9
	14 in	6 in	4½ in	11 in	5 3
	14 in	6 in heavy	4 in	11 in	7 9
	14½ in	4 in	4½ in	11½ in	5
	15 in	5 in	4 in	9 in	5 9
	15 in	5 in	4½ in	10½ in	
	15 in	6 in	9 in	11½ in	
	15½ in	5 in heavy	6 in	11¼ in, high back	9
	16 in,	6 in	6¾ in	11 in	5 9
	16 in	6 in heavy	6¼ in	11 in	8
	18 in	5 in	6 in	11 in	5 9
	19 in	5 in	10½ in	9½ in	
	19 in	7 in heavy	7 in	12½ in	12 6
	21 in	6 in	9 in	12 in	8
	21 in	7½ in	7½ in.	13½ in	9 3
	24 in ,,	6 in	15 in ...	12 in	8 6

C 28 — 3 × 2 3½ × 2½ 5 × 4 5 × 5 6 × 4½ 7 × 1½ 7 × 6 9 × 5 heavy 9 × 6 ins
1 8 2 2 2/3 2/10 2/10 2 2 3/9 4/8 4/6 per yd

C 29 4½ × 3 5 × 3 5½ × 4½ 6 × 5 8 × 6 ins.
1 8 2/- 2 6 2/11 4/- per yard
2, 3 and 4 ft lengths, 10 per cent. extra
Angles and Nozzles as 1 yard of Gutter, except C 26 and C 27, which are charged as 2 yards Cutting and laying out Gutters to sketch, charged extra

LOOSE BANDS, Painted one coat.

C 30, C 31, C 32, C 33, C 34, C 36
3 × 2 3 × 2½ 3 × 3 3½ × 2½ 4 × 2 4 × 2½ 4 × 3 4 × 4 5 × 3½ 5 × 4 6 × 4 ins
1 6 1 6 1,6 1 9 1/9 1/9 1/9 2/- 2/- 2 - 2 8 each

C 35, C 37, C 38, C 39 —
1 1 1 3 1 3 1 3 1 3 1 9 1 9 1 9 2 -

C 40 5 × 2½ in **Gutter** with cresting 2¾ ins high fitted 4/6 per yard in 3 or 6 ft lengths

C 41 4½ in × 4 in **Ornamental Gutter,** 3/ per yard in 3 or 6 ft lengths
Angles and Nozzles as 1 yard of Gutter

C 42 - **Projecting Clip,** with or without Bats 2½ 3 3½ 4 4½ 5 6 ins
1od 1, 1/2 1/3 1/5 1/8 2/1 each

C 43 With brass bolts and nuts 1/10 1,11 2/1 2 3 2,6 2/9 3/4
Wrought Iron Projecting Clips to drive with bolts and nuts to 4 in round pipe, 1,6 each

SQUARE AND RECTANGULAR RAIN WATER PIPES AND FITTINGS, Painted one coat.

With or without Plain Flat Ears Plain Angle Ears, 1½d per ear extra.

	3 × 2½	3 × 2½	3 × 3	3½ × 2½	4 × 2	4 × 2½	4 × 3	4 × 4	5 × 3½	5 × 4	6 × 4 ins
Pipes in 6 ft lengths	2/3	2/3	2 7	2	2	2 9	3	3	3 11	4 4	5 3 per yard
,, in 2 ft 3 ft and 4 ft lengths, 3d per yard extra											
Shoes	2 3	2 3	2 3	3	3	3	3	3 1½	4 1½	5 3	6/ each
Bends, Square or Obtuse	2 3	2 3	2 3	3	3	3	3	3 4	4 1½	5 3	
Swan-necks, or Plinth Bends, 3 in projection		2 2	3	3 9	3	3 9	4 9	4	5 3		9
,, ,, ,, 6 in ,,	3 3	3 4	3 9	4	4	4	5 3				9
9 in	4 1½	1 1		5 3	5 3	5/3	5 3		5 9		8 3
12 in	5 3	5 3	5 4		4	4 4½	4 4½	4½	7 10½	8 4	9 9
15 in		9	7 1½		7	7 10½	10 1	10 4	8 3	11 3	12 9
18 in			9 1½	9	10 1	10 1	10 1½	10 1½	11	15 -	18
21 in	12	12	7 4½	12	13 4½	13 1½	13 1½	13 1½	15 9	18 9	21 9
Branch Pieces, Single	3 4½	3 4½	3 9	4 9	4/6	4/6	5	5 3		6 9	9
Double	4 4½	4 4½	4	5 6	5/3	5/3	5 3	6	9	7	8 6

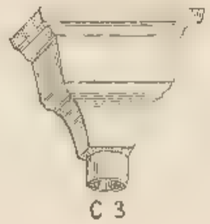
Special prices for large quantities on receipt of specification.

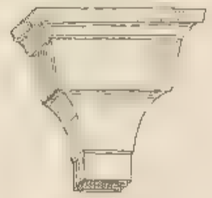
RAIN WATER HEADS.

RAIN WATER HEADS

C 1

C 2


C 3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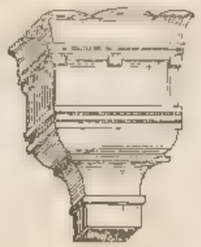
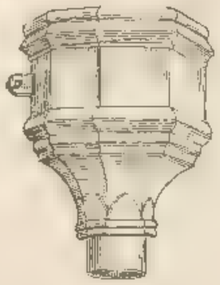
C 5

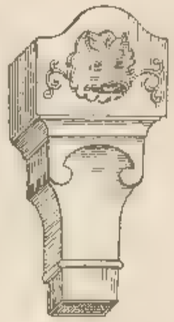
C 6


C 7.

C 8


C 9

C 10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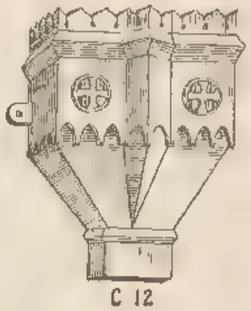
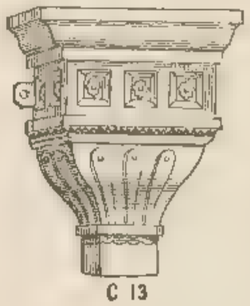

C 12


C 13

C 14

MOULDED GUTTERS.

C 16

C 17

C 18.

C 19

C 20

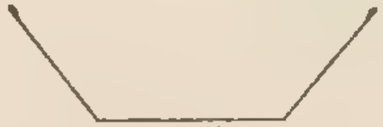
C 21

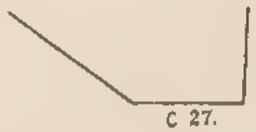
C 22

C 23.

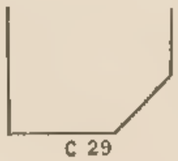
C 24

C 25

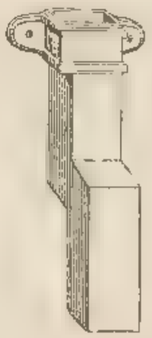

C 26.


C 27.

C 28


C 29

SQUARE RAIN WATER PIPES



LOOSE BANDS

C 30

C 31

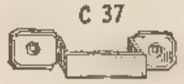
C 32

C 33

C 34

C 35

C 36

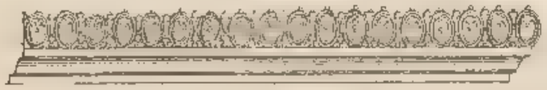

C 37

C 38

C 39

C 40

CRESTING 2½ HIGH



C. 41.

ORNAMENTAL GUTTER

PROJECTING CLIPS

C 43

For prices of above see page 106; but as prices are subject to alteration without notice, latest quotations will be sent on receipt of specifications of requirements

PRICE LIST FOR GOODS on page 109.

HOT-WATER PIPES AND FITTINGS.

These Pipes are proved to a pressure equal to 200 feet Head of Water.

	Sizes	2	3	4 inch
Hot-Water Pipes in 9 ft lengths		—	2/-	2/6 per yard
" " in 6 ft "		1/4	2/-	2/6 "
" " in 3 ft "		1/5½	2/1½	2/7½ "

Coil Pipes same price as Hot-water Pipes in the following lengths:
2 inch in 3 ft and 6 ft lengths
3 inch in 3 ft, 6 ft and 9 ft lengths
Any other lengths at a slight increase in price

		3	4 inch
Loose Troughs about 2 ft 5½ in long		2/6	3/2 each
	Sizes 2	3	4 inch
Trough Pipe Medium in 6 ft or 9 ft lengths (4 in 6⅝ in wide)...	—	6/3	7/6 per yard
C 47 —**Long Elbow**	1/9	3/-	4/9 each
C 48 **Common Elbow**	1/3	2/3	3/3 "
C 49 **Outlet Syphon** .	2/3	3/9	5 9
C 50 **Elbow**	2 4	4	6
C 51 **Open** " ..	2/-	3/6	5/-
C 52 **Close**	1 9	3	5
C 53 · **T Piece**	2 3	3/6	5/6
C 54 "	2/3	3/9	5/6
	Sizes 3 to 2	4 to 2	4 to 3 inch
C 55.—**Diminishing Pipe**	1/8	2/3	2 9 each
C 56 **Nipple**	1 3	1 6	1 10
	Sizes 2	3	4 inch
C 57 **S Pipe**, 6 inches projection ...	1/9	2/10	4/2 each
" 9 "	2	3	4 6 "
12	2 2	3 4	4 9 "
" 14 " " ...	2/4	3/8	5/3 "
" 16 " " .	2/6	4/-	5/9 "
C 58 —**Two-way Branch Syphon** ..	2 6	4/3	6/6 "
C 59 —**Swan Neck**, 5 inches projection	1/9	2/9	4/3 "
" 7 " "	2/-	3 3	4/9 "
10 " "	2/3	3/9	5/6 "
" 16 " "	3/-	6/-	6/6 "
C 60 **Sliding Collar**	1/-	1/6	2/-
C 61 —**Blank Spigot**	6d	8d	1/- "
C 62.— " **Socket**	1/-	1/6	2/6 "
C 63 —**Bend, Inside**	1/8	2/8	4/- "
C 64. " **Outside**	2/-	3/-	5/3 "
C 65 **Branch Piece**	2 4	3 9	6/
	Sizes 3 to 2	4 to 2	4 to 3 inch
C 66 **Diminishing Elbow**	2/3	3/3	3 6 each
C 67 — " " . ..	3/-	4/-	4 6 "
	Sizes 2	3	4 inch
C 68 **Cross Piece**	2 9	4 6	6 3 each
C 69 **Boiler Socket**	1 0	2 -	"
C 70 " "	1/8	2/3	—
	Sizes 3 to 2	4 to 2	4 to 3 inch
C 71.– **Diminishing Pipe**	2/-	2/9	3/- each

	Sizes	2	3	4 inch
C 72 **Double Socket Elbow** ...	..	1/6	2/9	4/3 each
C 73 **Long**	.	2/3	3/6	5 3 "
	Sizes	3 to 2	4 to 2	4 to 3 inch
C 74 **T Piece, Diminishing**		3/3	3.9	4/6 each
	Sizes	2	3	4 inch
C 77 **Y Piece**	.	2/3	3/6	5/6 each
C 78 **H Piece, Close**		3/	5/-	7 6 "
C 79 **Double Socket**		1 6	2 8	3 10 "
C 80 **Three-way Syphon**	...	3/-	5/-	7 3

	Sizes 3 to 2 × 12	4 to 2 × 14	4 to 3 × 16 in proj
C 81 **Diminishing Swan-neck, Double Socket**	3/6	4/6 .	5 6 each
C 82 " "	3/-	4/-	5 3 "

	Sizes	2	3	4 inch
C 83 —**T Piece, 3 Sockets**	...	2/6	4/6	6/9 each
	Sizes	3 to 2	4 to 2	4 to 3 inch
C 84 **Two-way Branch Syphon, Diminishing**		4	5 6	6 3 each
	Sizes	2	3	4 inch
C 85 **New Patent Throttle Valve,** with removable working parts		9 3	11 6	14 each
Socket and Spigot or Double Socket	Sizes	2	3	4 inch
C 86 **Improved Diaphragm Valve**		13 3	17 6	22 each

Socket and Spigot or Double Socket

C 87. Pipe Stand	2½d	3½d.	3½d
C 88 — " .			
C 89 " .			
C 90 " "	5d	6½d	8d
C 91 —**Wrought Pipe Stand** with Expansion Rollers, made to any height or number of pipes	[According to size]		
C 92 —Rebated Dead Plate . ..	12/6 per cwt		
C 93 Head Plate .			
C 94 Tube Plate			

C 95.—**Ornamental Supply Cistern and Cover**—

12 × 7 × 12	15 × 8 × 15	19 × 10 × 16	24 × 10 × 18 inch
7 6	11/-	16 9	22 6 each

For other patterns see page 187

	⅛	¼ inch.
C 96 – **Air Cock**	1/7	1/8 each
C 97 " with Spanner Head	1/7	1/8 "
	12 × 9	14 × 10 inch
C 98 – **Soot Door,** double	5/6	6/6 each
	6 × 3 inch in box.	
C 99.— " "	1,6	each
	6 × 4½ inch in box	
C 100 — " " with bright turnbuckle	2/9	each

For Ordinary Soot Door, see C 447, page 188

HOT-WATER GRATINGS.

In ordering Hot Water Gratings it is necessary to state whether with or without End Borders, and if at one or both ends

When Borders are added an extra will be charged, and the lengths increased accordingly

Shorter lengths than the sizes stated will be charged as full lengths of pattern from which they are cut

C 101 — 8 in. × 42 in × ½ in thick ...	4/3 each	
11½ in × 42 in × ½ in " ...	5 9 "	
15 in × 42 in × ½ in	7/6 "	

For other sizes, see C 727, page 205

		Each.
C 102 7 in × 16 in × ⅜ in thick	Plain bar all round	2,2
15 in × 15 in × ½ in "		2 9
21 in. × 21 in × ½ in "		4/
6 in × 42 in × ½ in "		3/9
8 in × 42 in × ½ in "		4/9
10 in × 42 in × ½ in		5 8
12 in × 42 in × ½ in "		6/8
14 in × 42 in × ½ in "		7 6
16 in × 42 in × ½ in. " ..		8/3
18 in × 42 in × ½ in "		9/6
20 in × 42 in × ½ in " . .		10 6

For other sizes see C 722, page 205

C 103 9 in × 42 in × ½ in thick ..	4/3 each	
10 in × 42 in. × ½ in. " ...	4/9 "	
11 in × 42 in. × ½ in. " ...	5/3 "	
12 in × 42 in × ½ in " .	5/9 "	
13 in × 42 in × ½ in	6 9	
14 in × 42 in × ½ in. . ..	6,9 "	
10 in. × 35⅞ in. × 9/16 in . ..	4/6 "	
16½ in × 37⅝ in × 9/16 in. " ..	6/- "	
12 in × 36 in × ⅝ in " .	5/3 "	
14 in × 36¼ in × ⅝ in "	5/9 "	

C 103 (*contd.*) 15 in × 37⅜ in × ⅝ in thick	6 4 each	
17⅞ in × 35 in × ⅝ in	7 "	
18 in × 35½ in × ⅝ in .	7 "	
27 in × 54 in × ⅝ in	15 3 "	
30 in. × 37¾ in × ⅝ in	11 6 "	

Design reversed and border all round—

9 in. × 35¾ in × ⅝ in. thick	4 3 each	
9 in × 35⅝ in × ⅝ in	4 6	
9 in × 35¾ in. × ⅝ in " .	5/- "	
9 in × 36 in × ⅝ in. " .	5/- "	
C 104 5 in × 34¾ in × 7/16 in. " ..	2/9 each	
6 in × 34¾ in × ⅛ in	2 9 "	
7 in × 34¼ in. × ⅞ in. " ...	2/9 "	
12 in × 35⅛ in × 7/16 in. " ..	7/- "	
14 in × 34¾ in × 7/16 in	4/9 "	
8 in × 42 in × ½ in " ..	3/6 "	
12 in. × 42 in × ½ in " .	8/- "	
14½ in × 42 in × ½ in " ...	9/- "	
17 in × 42 in × ½ in " .	10,6 "	

For other sizes, see C 726, page 205

C 105 7⅜ in × 39⅜ in × ⅝ in thick ...	4/ each	
6 in × 32½ in × 7/16 in. " ..	2/9 "	
16 in. × 33¼ in. × 7/16 in. . ..	5/9 "	
12 in. × 42 in. × ½ in " ..	5/9 "	
8 in. × 36⅜ in × ¾ in " .	6,4 "	
9 in. × 36⅜ in. × ¾ in. " .	8/3 "	
9 in × 42 in × ⅝ in " ..	4/3 "	
16½ in. × 37 in × ¾ in. " .	9/6 "	
30 in × 42 in × 1 in " .	21,9 "	
45 in × 47⅝ in. × 1 in. " .	25/- "	

With Border all round—

10¾ in × 48 in × ⅝ in thick	13 3 each	
27⅞ in. × 53¼ in × ¾ in " ..	18/3 "	

End Bars and Borders Cast on Gratings—
Up to 12 in. ... ... 5d each extra
Above 12 in ... ... 10d " "

	Number of 2in. Pipes.	With 24in. Tubes.	With 36in. Tubes
C 106. **Angle Pedestal**	21	£5 5 0	£5 18 9
" .	22	5 15 0	6 7 6
C 107.—Hexagon .	13	3 8 0	3 15 0
" "	37	9 15 0	10 15 0
C 108 —Octagon "	25	6 15 0	7 10 0

C 109.—**Coil Case**, without top, 36 in. high over all

	3 ft.	4 ft	4 ft 6 in.	5 ft.	6 ft.
18 in deep inside...	50/-	55	60 -	62	70
15 in " " ...	47/6	53 -	5[illegible]	60	68
12 in " " ...	43/6	50	53	5[illegible] 6	62
9 in " "	41	47 6	50 -	53	60
Extra for Iron Top—					
18 in. deep	15/-	1 9	20 -	20 0	24
15 in "	13/6	15 -	17 9	18 0	22
12 in " .	11 3	14	16	17	20
9 in "	9,	12	14	15 -	1 9

Bronzing extra

Exterior sizes are 2½ in. more in width, and 5 in more in length

C 110 **Hot-Water Coil** made any size or length

	9 ft long.	4 ft 6 in. long.
3 in Double Coils...	13/- per pipe	9/6 per pipe
3 in Single " ...	14/6 "	10/6 "
	6 ft. long.	3 ft. long
2 in Double Coils ..	7/6 per pipe	5/4 per pipe.
2 in Single " ...	7/- "	5/- "

Coil Ends only—

	2 inch.	3 inch
Single	1/1 per hole	2/- per hole
Double .. .	10d "	1/6 "

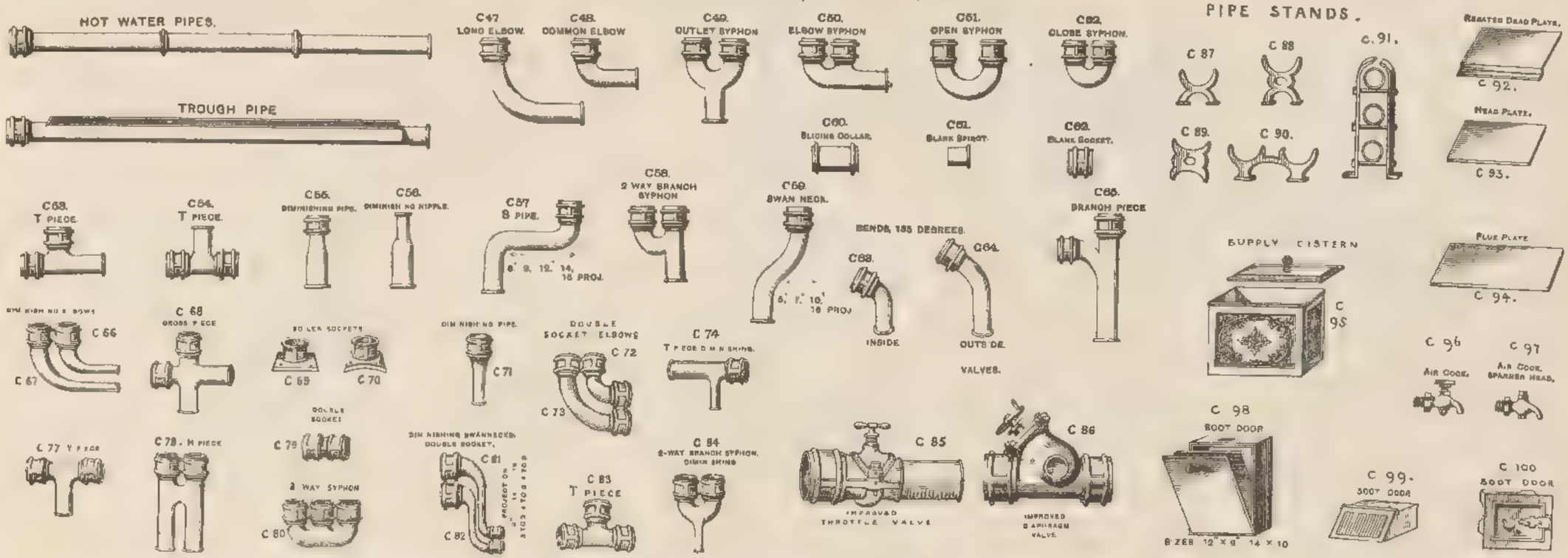
Nozzles may be cast on where desired, counting as holes

C 111 —**Furnace Doors and Frames**

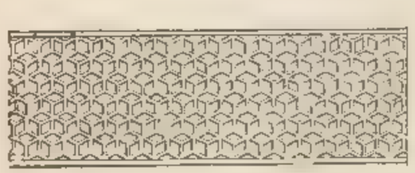
14 × 26 × 9 in Fires	16,6 each
16 × 28 × 11 "	19/6 "
18 × 30 × 13 "	23,6 "
20 × 32 × 15 "	26,6

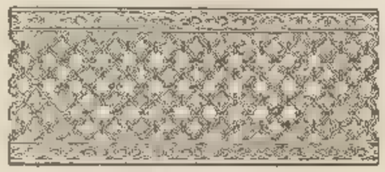
HOT WATER PIPES AND COILS.

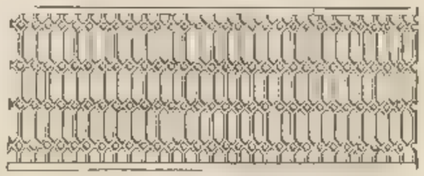
HOT WATER PIPES, FITTINGS, &c



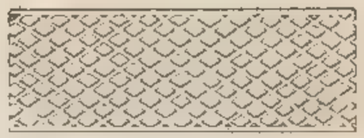
HOT WATER GRATINGS.


C 101


C 102.


C 103.

C 104.


C 105.

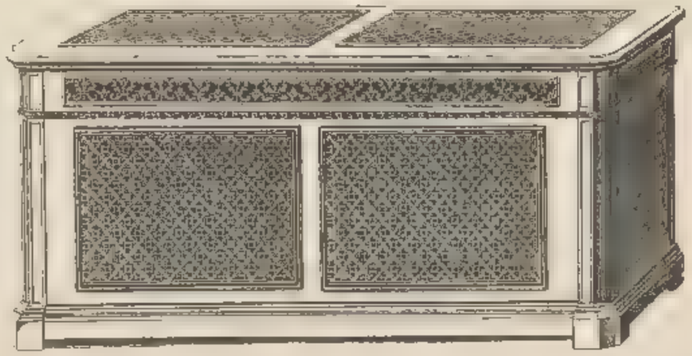
PEDESTAL COILS.

C 106.

C 107.

C 108.

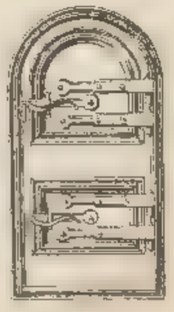
ORNAMENTAL COIL CASE.


C 109

HOT WATER COIL.

C 110.

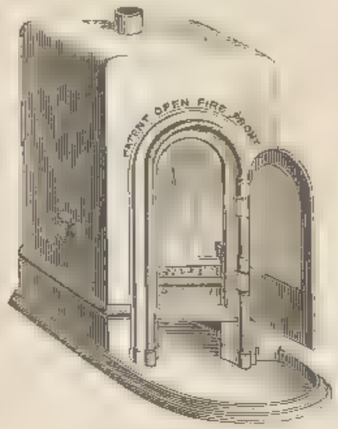
Furnace Doors & Frames.


C 111.

For Prices of above see preceding page.

HOT WATER CIRCULATING BOILERS.

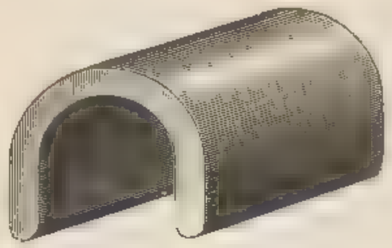
OPEN FIRE WROUGHT WELDED BOILER.



C 155

Suitable for standing in Harness Room and heating circulating pipes to Coach house, &c

Height.	Width	Price including Tray and Draw-off Tap.
15 in.	12½ in	£6 0 0
21 in.	12½ in.	8 5 0
24 in.	15 in.	10 0 0
27 in.	18 in.	12 0 0
30 in.	21 in	14 5 0



C 150.

WROUGHT WELDED SADDLE BOILER.

With 1¼ to 2½ in waterways according to size

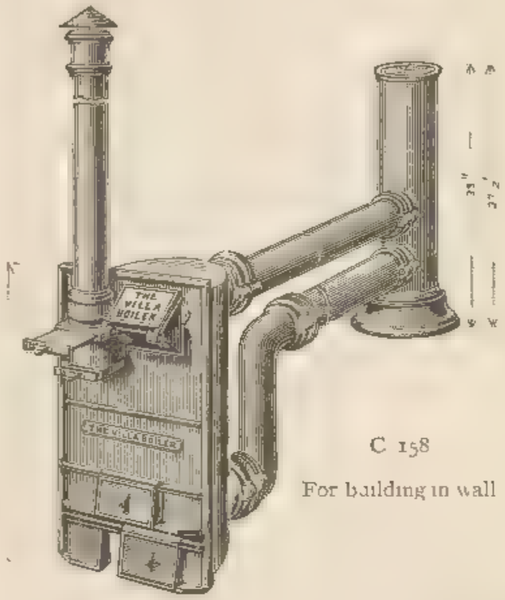
Length	Width	Depth.	Extreme heating [illegible] in 4 in. pipe	Price of Boiler only	Doors and set of Fittings extra
18 in	10 in	11 in	150 ft	£1 12 9	£1 17 6
18 in	12 in	12 in.	180 ft.	1 19 6	2 3 0
21 in.	12 in	12 in	210 ft.	2 3 0	2 4 0
24 in.	12 in.	12 in	240 ft	2 6 6	2 5 0
24 in	14 in	14 in	280 ft.	2 13 6	2 10 0
30 in	12 in	12 in.	300 ft.	2 15 0	2 10 0
30 in	14 in	14 in	350 ft	3 7 0	2 12 0
36 in	14 in	14 in	420 ft	3 14 0	2 14 0
36 in	16 in	16 in	480 ft	4 7 9	3 8 0
42 in	16 in	16 in.	560 ft.	5 10 0	3 10 0
42 in.	18 in	18 in	630 ft	6 3 9	3 12 0
48 in	16 in.	16 in.	640 ft.	6 3 9	3 12 0
48 in	18 in	18 in	720 ft	7 1 0	3 15 0

Plain sockets fixed to boilers, 2 in 6 9 3 in. 8/3, 4 in. 9 9 each extra

Set of fittings comprise hinged doors and frame, C 111, furnace bars, dead plates, flue plates, 3 soot doors and damper

Sliding furnace doors as T 160, 10 extra

THE VILLA GREENHOUSE BOILER.



C 158

For building in wall

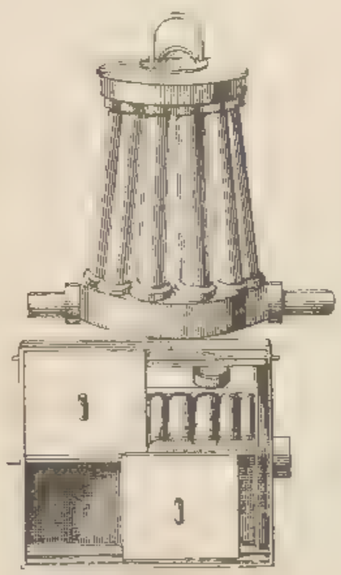
Size. No.	Dimensions of Boiler Front. Height.	Width.	Heating power in 4 in pipes	Price of boiler and [illegible] front only.
1	26¼ in.	14⅝ in.	70 ft.	3 3 0
2	28¼ in.	18 in	100 ft.	4 5 6
3	28¼ in.	20½ in.	140 ft.	4 15 6
5	28¼ in.	18 in	180 ft	6 10 0
6	26¼ in	20½ in.	200 ft.	7 0 0
6A	26¼ in.	20½ in	230 ft.	7 10 0

Nos. 5 and 6A have waterway front and waterway check plate.

No 6 has waterway front.

Above prices include sockets for 2, 3, or 4 in. ordinary or improved pipes.

Expansion box 33 in. for Nos 1, 2 and 5 boilers, 23/-
" 37½ in. for Nos 2, 3 5, 6 & 6A boilers,



CAST TUBULAR BOILER.

Size No.	Dimensions of boiler only Height.	Diameter.	Heating power in 4 in pipes.	Price with tubular water bars.	Without water bars.
1	18 in.	15 in.	150 ft		£2 10 0
2	21 in	18 in	350 ft.	£5 10 0	4 10 0
3	29½ in.	22 in	750 ft.	7 [illegible] 0	6 0 0
3a	Do. with cradle bars		850 ft	8 10 0	
4	36 in.	26 in	1000 ft	12 0 0	[illegible] 0
4a	Do. with cradle bars		1150 ft	13 10 0	
5	45 in.	32 in	1400 ft.	16 0 0	14 0 0
5a	Do. with cradle bars		1600 ft	18 0 0	

Double sliding door 22 in wide × 20 in high, for boilers Nos, 1 and 2, 20/- set extra

Double sliding door 26 in wide × 27 in. high, for larger boilers, 27/6 set extra

Improved flue plates for top of boiler, increasing power of boiler and facilitating cleaning of flues.

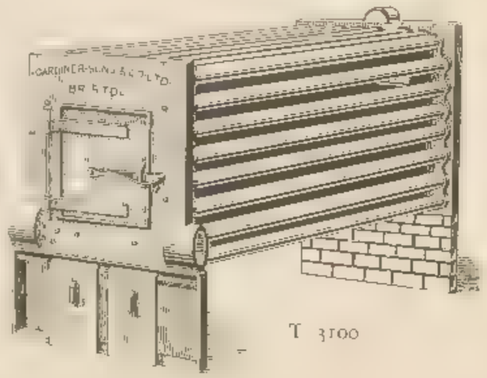
For No 2	3 and 3a.	4 and 4a	[illegible]
[illegible]	12/6	15/-	[illegible] extra.

CAST TUBULAR SADDLE BOILER.

Suitable for positions where drainage is shallow.

The Boiler is provided with double tubes over fire, tubular fire bars, and double sliding doors

	To Heat	Dimensions of Boiler Length.	Height.	Width.	
1.—	800 ft. 4 in. pipe	42 in	27 in.	24 in	£[illegible] 0 0
2	1 200 ,, ,,	[illegible] 60 in	27 in.	24 in	15 0 0
3.	1,600 ,, ,,	[illegible] 60 in	30 in.	32 in	[illegible] 0 0
4 —	2,000 ,, ,,	[illegible] 78 in.	30 in.	32 in	[illegible] 0 0

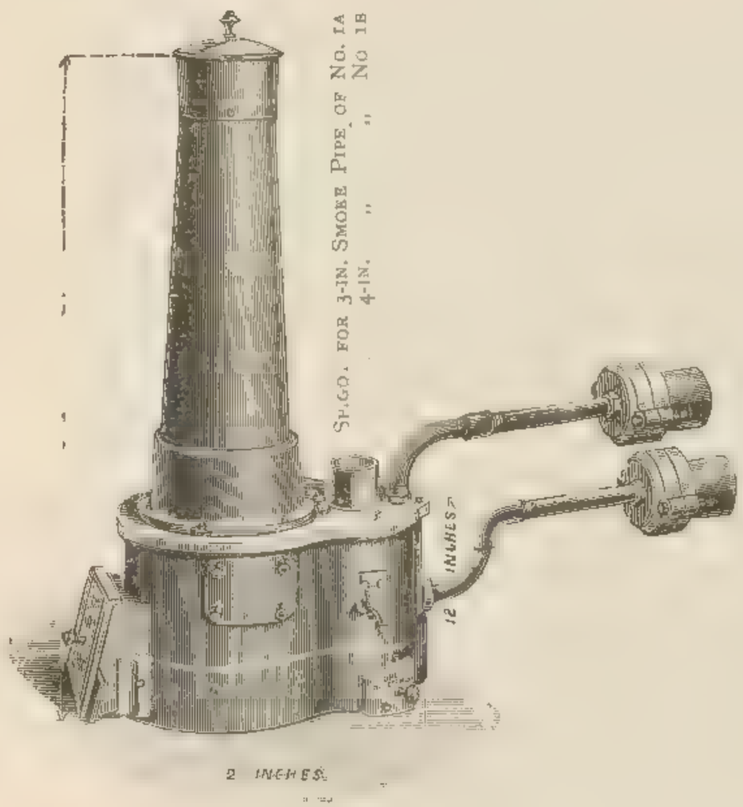


T 3100

All heating powers given for 4-in. pipes, for 3-in. pipes add one third, for 2 in pipes double the length given.
Further details and designs will be sent on receipt of requirements.

HOT WATER CIRCULATING BOILERS.

SELF-FEEDING BOILER.



C 3101

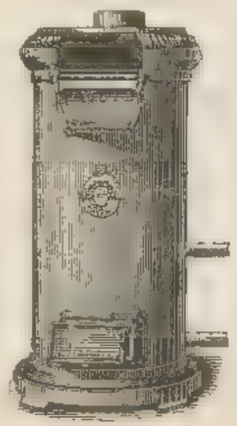
No. 1A. 21 in. × 12 in., will Heat from 20 to 75 ft. of 4 in pipe £5 5 0

No. 1B.—29 in. × 14½ in., will Heat from 80 to 200 ft. of 4 in pipe £7 11 6

SLOW COMBUSTION BOILER.

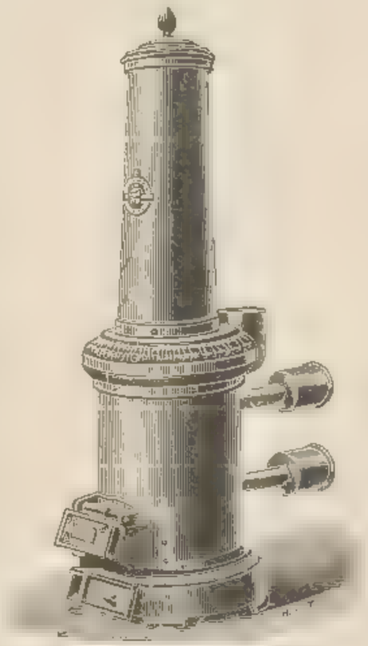
C 156 Suitable for Offices, Schools, and Entrance Halls

Size No.	Height	Diameter	Heating Power 4-in. pipe	Price		
3	30 in	19 in	70 to 80 ft	£4	1	[illegible]
4	32 in.	14 in.	120 to 140 ft.	5	10	0
5	34 in	16 in	230 to 250 ft	[illegible]	15	[illegible]
6	40 in	18 in	370 to 400 ft	10	0	0
7	45 in.	22 in	470 to 500 ft	12	0	0
8	50 in.	24 in	570 to 600 ft.	16	0	0



Self-Feeding BOILER STOVE.

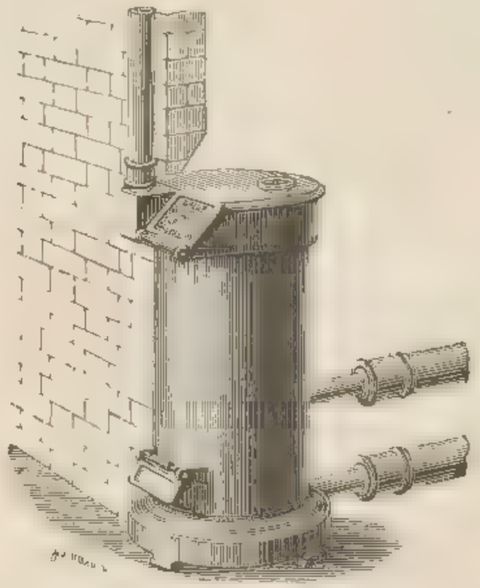
C 3102 IMPROVED PATENT



Will burn from 12 to 18 hours without attention

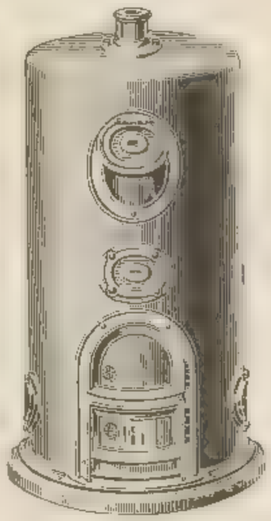
No. 2	Will Heat 25 feet	4-in. Pipe	£3	0	0
" 2A	" 40 "	"	3	5	0
" 2B.	" 60 "	"	3	10	0
" 3.	" 80 to 100	"	4	10	0
" 4	" 130 to 150	"	5	10	0

Slow Combustion Greenhouse Boiler.



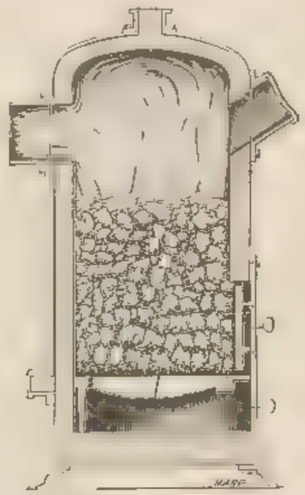
C 157
For building in wall, thus utilizing heat from Stove. Dimensions and prices as No C 156, but made in sizes Nos. 3, 4, and 5 only

DOME TOP BOILER, with Waterway Bottom.



ELEVATION

C 3103



SECTION.

[illegible] of [illegible] Feet, including one [illegible] Fire [illegible] Sets two Manhole and Cover [illegible] bottom, [illegible]

No.	Size of Boiler (Coal) High.	Diam	ACTUAL HEATING POWER.	Diam Smoke Pipe.	Height Pipe	Price
	In.	In	4-in Pipes.	In.	In.	
1	30	13	120 feet	5	33	[illegible]
2	32	13	140 "	5	36	[illegible]
3	32	15	170 "	6	37	[illegible]
4	40	15	210 "	6	43	[illegible]
5	46	15	250 "	6	49	[illegible]
6	40	18	290 "	7	45	[illegible]
7	46	18	340 "	7	51	[illegible]
8	52	18	390 "	7	57	[illegible]
9	46	21	440 "	7	51	[illegible]
10	52	21	500 "	7	57	[illegible]
11	58	21	560 "	7	63	[illegible]
12	64	21	620 "	7	69	[illegible]
13	54	24	600 "	7	59	[illegible]
14	60	24	660 "	7	65	[illegible]
15	66	24	720 "	7	71	[illegible]
16	72	24	780 "	7	77	[illegible]
17	60	30	[illegible]	8	65	[illegible]
18	72	30	1000 "	8	77	[illegible]

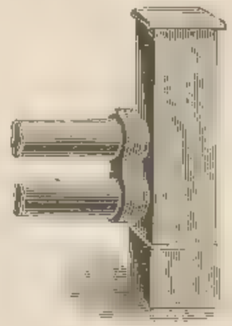
C 3104

SUPPLY TANKS

For C 3102 C 156 and C [illegible]

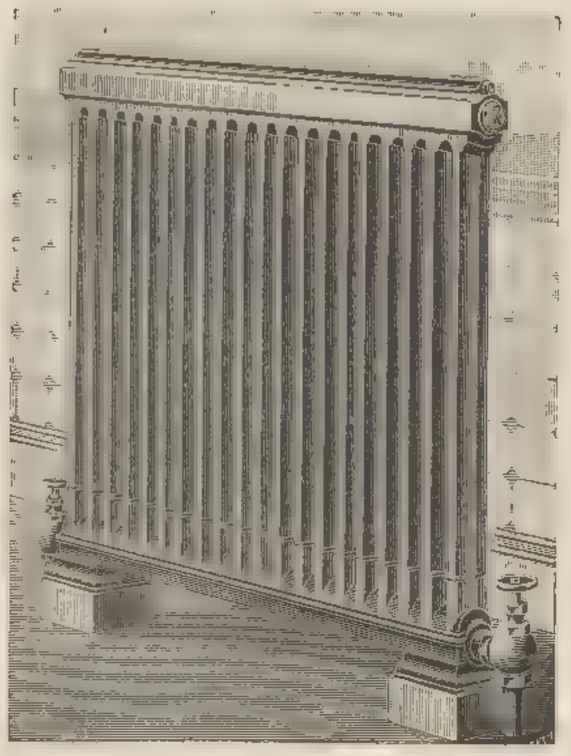
Made with socket for plain pipe [illegible] flanges for patent [illegible]

For 3 in pipe, 26 in × 6 in £0 15 0
For 4 in. pipe, 28 in × 7 in 1 1 0



All heating powers given for 4 in. pipes, for 3 in pipes add one third, for 5 in. pipes deduct one fifth given. Further details and designs will be [illegible]

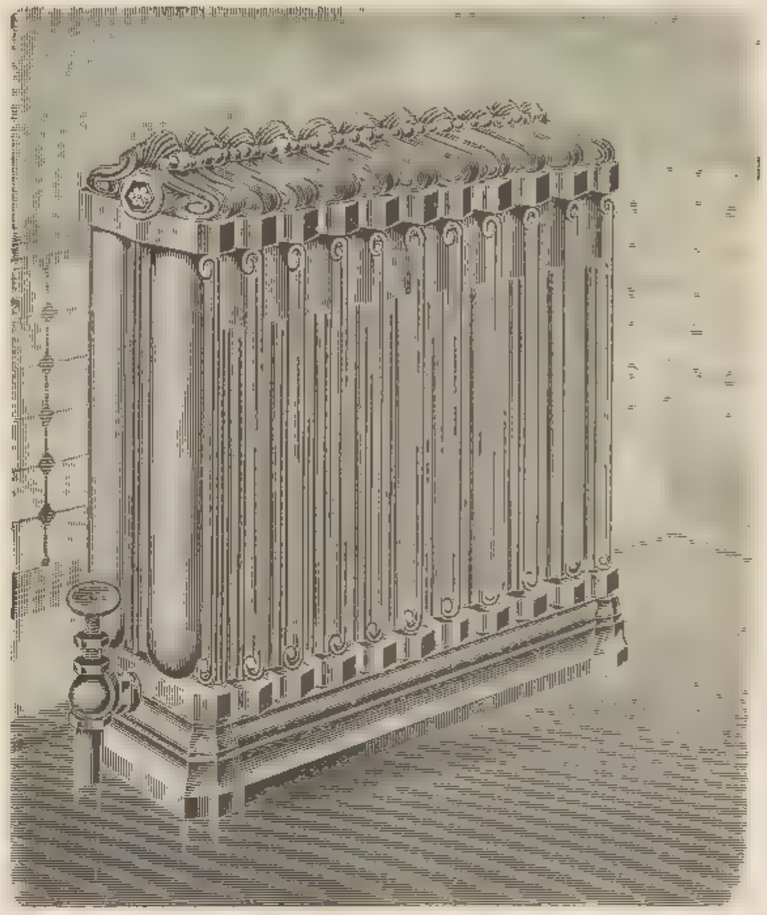
RADIATORS FOR HOT WATER OR STEAM.



C 3107.

Width over Tubes, 2½ in Extreme Width over Foot, 4½ in. Height from Floor to centre of Opening for Flow Pipe, about 5 in.

The figures below apply to all sizes	36 in. High			30 in. High			24 in. High		
No. of Tubes Long	Length over all.	Length of 4in. Pipe to give equal effect.	PRICE.	Length of 4in. Pipe to give equal effect.	PRICE.		Length of 4in. Pipe to give equal effect.	PRICE.	
10 Tubes	1 ft 8	18 feet	£1 17 6	13 feet	£1 13 9		10 feet	£1 10 0	
15	2 1	25	2 [illegible] 3	20 ,,	2 10 7		15 ,,	2 5 0	
20	3 2	33	3 15 0	27 ,,	3 7 6		20 ,,	3 0 0	
25	3 11	42	4 15 9	33	4 4 5		25 ,,	3 15 0	
30	4 8	50 ,,	5 12 6	40	4 18 3		30 ,,	4 10 0	
35 ,,	5 2	58	6 11 3	47 ,,	5 15 3		35	5 5 0	
40 ,,	6 ,, 2	66	7 10 0	54	6 15 0		40	6 0 0	
45	6 11	75	8 8 9	60	7 11 10		45	6 15 0	
50 ,,	7 8	84	9 7 6	66	8 8 9		50	7 10 0	
55	8 5	92 ,,	10 6 3	73	9 5 7		55 ,,	8 5 0	
60	9 2	100	11 5 0	80 ,,	10 2 6		60	9 0 0	
65	9 11	108	12 [illegible] 9	87 ,,	10 [illegible] 4		65	9 15 0	



VENTILATING RADIATOR.

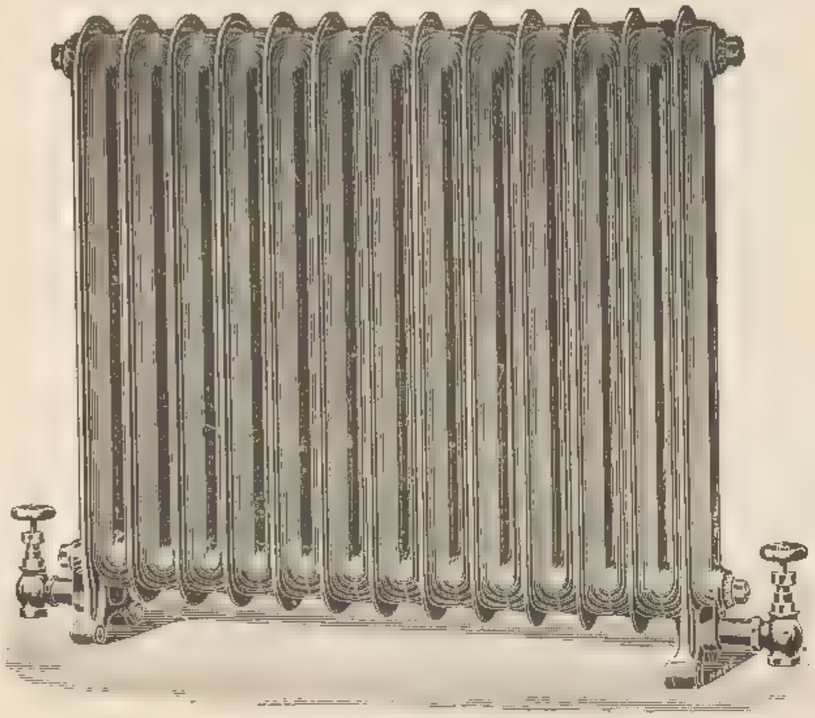
C 3108.—Extreme Width over Tubes 7½ in., over Foot, 9 in Height from Floor to Centre of Opening for Flow Pipe, about 6 in

The figures below apply to all sizes.		39 in. High.		33 in. High.		27 in. High	
No of Loops Long.	Length over all.	Length of 4in. Pipe to give equal effect.	PRICE.	Length of 4in. Pipe to give equal effect.	PRICE	Length of 4in. Pipe to give equal effect.	PRICE.
3 Loops	10 in	18 feet	£2 7 3	15 feet	£2 2 9	12 feet	£1 18 3
4 ,,	13 ,,	24 ,,	3 3 0	20 ,,	2 17 0	16 ,,	2 11 0
5 ,,	16 ,,	30 ,,	3 18 9	25 ,,	3 11 3	20 ,,	3 3 9
6 ,,	19 ,,	36 ,,	4 14 6	30 ,,	4 5 6	24 ,,	3 16 6
7 ,,	22 ,,	42 ,,	5 10 3	35 ,,	4 19 9	28 ,,	4 10 3
8 ,,	25 ,,	48 ,,	6 6 0	40 ,,	5 14 0	32 ,,	5 0 6
9 ,,	28 ,,	54 ,,	7 1 9	45 ,,	6 8 3	36 ,,	5 14 9
10 ,,	31 ,,	60 ,,	7 17 6	50 ,,	7 2 6	40 ,,	6 7 6
11 ,,	34 ,,	66 ,,	8 13 3	55 ,,	7 16 9	44 ,,	7 0 3
12 ,,	37 ,,	72 ,,	9 9 0	60 ,,	8 11 0	48 ,,	7 11 0
13 ,,	40 ,,	78 ,,	10 4 9	65 ,,	9 5 3	52 ,,	8 5 9
14 ,,	43 ,,	84 ,,	11 0 6	70 ,,	9 19 6	56 ,,	8 18 6
15 ,,	46 ,,	90 ,,	11 16 3	75 ,,	10 13 9	60 ,,	9 11 3
16 ,,	49 ,,	96 ,,	12 12 0	80 ,,	11 8 0	64 ,,	10 4 0
17 ,,	52 ,,	102 ,,	13 7 9	85 ,,	12 2 3	68 ,,	10 16 9

Flow and Return Openings are Tapped for 1 in Wrought Iron Pipe, but can be reduced to any other size without extra charge. All Valves for Water or air charged extra.

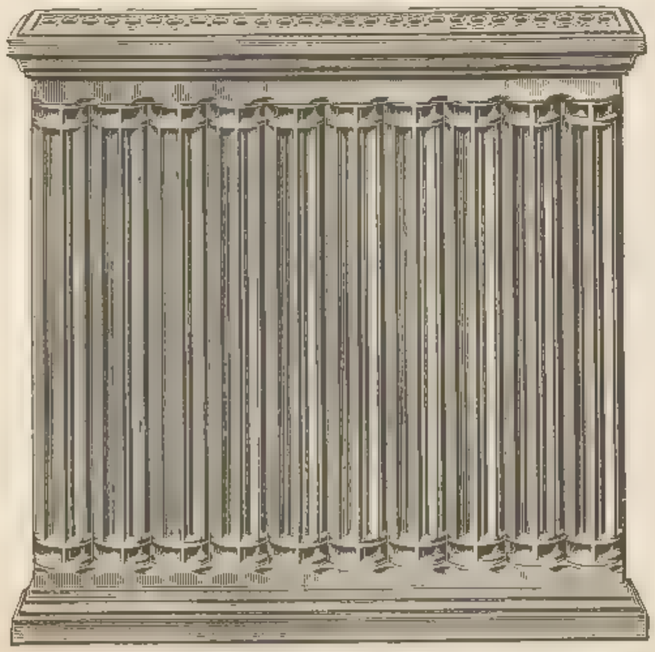
RADIATORS FOR HOT WATER OR STEAM.

REGISTERED No. 238996.



ELEVATION.

C 3110.



C 3111

C 3110. SINGLE RADIATOR.

Length over all.	No. of Loops.	2 ft. High. Heating Surface.	2 ft. High. Prices.	2 ft. 6 in. High. Heating Surface.	2 ft. 6 in. High. Prices.	3 ft. High. Heating Surface.	3 ft. High. Prices.	3 ft. 6 in. High. Heating Surface.	3 ft. 6 in. High. Prices.
ft. in.		ft.	£ s. d.	ft.	£ s. d.	ft.	£ s. d.	ft.	£ s. d.
1 3	4	10	1 6 6	13	1 10 0	16	1 14 0	19	1 18 0
1 6	5	12	1 12 6	16	1 17 0	20	2 2 0	24	2 7 0
1 9	6	15	1 18 6	19	2 4 0	24	2 10 0	29	2 16 0
2 0	7	17	2 4 6	23	2 11 0	28	2 18 0	34	3 5 0
2 3	8	20	2 10 6	26	2 18 0	32	3 6 0	39	3 14 0
2 6	9	22	2 16 6	29	3 5 0	36	3 14 0	44	4 3 0
2 9	10	25	3 2 6	32	3 12 0	40	4 2 0	49	4 12 0
3 0	11	27	3 8 6	35	3 19 0	44	4 10 0	54	5 1 0
3 3	12	30	3 14 6	39	4 6 0	48	4 18 0	59	5 10 0
3 6	13	32	4 0 6	42	4 13 0	52	5 6 0	64	5 19 0
3 9	14	35	4 6 6	45	5 0 0	56	5 14 0	69	6 8 0
4 0	15	37	4 12 6	49	5 7 0	60	6 2 0	74	6 17 0
4 3	16	40	4 18 6	52	5 14 0	64	6 10 0	79	7 6 0
4 6	17	42	5 4 0	55	6 1 0	68	6 18 0	84	7 15 0
4 9	18	45	5 10 6	58	6 8 0	72	7 6 0	89	8 4 0
5 0	19	47	5 16 6	62	6 15 0	76	7 14 0	94	8 13 0
5 3	20	50	6 2 6	65	7 2 0	80	8 2 0	99	9 2 0

Above can be Tapped for 1 in or 1¼ in. Connections.

C 3111. SINGLE RADIATORS, 6 Inches Wide.

Length	2 ft. 6 in. High. Heating Surface	2 ft. 6 in. High. Prices.	2 ft. 9 in. High. Heating Surface.	2 ft. 9 in. High. Prices.	3 ft. High. Heating Surface.	3 ft. High. Prices.	3 ft. 3 in. High. Heating Surface.	3 ft. 3 in. High. Prices
ft. in.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.
1 11½	20 0	3 7 0	22 0	3 8 6	24 0	3 10 0	27 0	3 11 6
2 3	23 0	3 15 0	25 6	3 17 0	28 0	3 18 6	31 0	4 0 6
2 6½	26 0	4 3 0	29 0	4 5 0	32 0	4 7 0	35 0	4 9 0
2 10	29 0	4 11 0	32 6	4 13 6	36 0	4 15 6	39 0	4 18 0
3 1½	32 0	4 19 0	36 0	5 1 6	40 0	5 4 0	44 0	5 6 6
3 5	35 0	5 7 0	39 6	5 10 0	44 0	5 12 6	48 0	5 15 6
3 8½	38 0	5 15 0	43 0	5 18 0	48 0	6 1 0	53 0	6 4 0
4 0	41 0	6 3 0	46 6	6 6 6	52 0	6 9 6	57 0	6 13 0
4 3½	44 0	6 11 0	50 0	6 14 6	56 0	6 18 0	62 0	7 1 6
4 7	47 0	7 10 0	53 6	7 14 0	60 0	7 18 0	66 0	8 1 6
4 10½	50 0	7 18 0	57 0	8 2 0	64 0	8 6 0	70 0	8 10 0
5 2	53 0	8 5 0	60 6	8 9 6	68 0	8 14 0	74 0	8 18 0

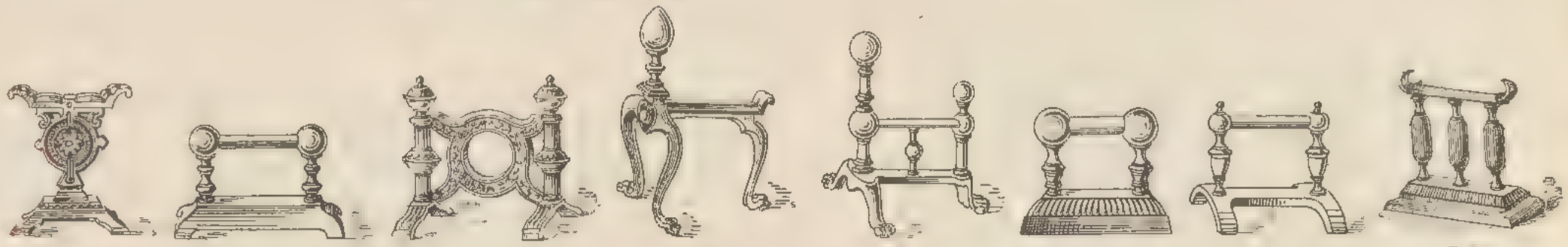
C 3111. DOUBLE VENTILATING RADIATORS, 9¼ or 10½ Inches Wide.

Length	2 ft. 6 in. High. Heating Surface	2 ft. 6 in. High. Prices.	2 ft. 9 in. High. Heating Surface.	2 ft. 9 in. High. Prices.	3 ft. High. Heating Surface.	3 ft. High. Prices.	3 ft. 3 in. High. Heating Surface	3 ft. 3 in. High. Prices
ft. in.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.
1 11½	40 0	6 14 0	44 0	6 17 0	48 0	7 0 0	53 0	7 3 0
2 3	46 0	7 10 0	51 0	7 13 6	56 0	7 17 0	62 0	8 0 6
2 6½	52 0	8 6 0	58 0	8 10 0	64 0	8 14 0	70 0	8 18 0
2 10	58 0	9 2 0	65 0	9 6 6	72 0	9 11 0	79 0	9 15 6
3 1½	64 0	9 18 0	72 0	10 3 0	80 0	10 8 0	87 0	10 13 0
3 5	71 0	10 14 0	79 0	10 19 6	88 0	11 5 0	96 0	11 10 6
3 8½	78 0	11 10 0	86 0	11 16 0	96 0	12 2 0	105 0	12 8 0
4 0	84 0	12 6 0	93 0	12 12 6	104 0	12 19 0	114 0	13 5 6
4 3½	90 0	13 2 0	100 0	13 9 0	112 0	13 16 0	122 0	14 3 0
4 7	96 0	14 10 0	107 0	14 17 0	119 0	15 5 0	131 0	15 12 0
4 10½	102 0	15 5 0	114 0	15 13 0	126 0	16 1 0	139 0	16 9 0
5 2	108 0	16 0 0	121 0	16 8 6	134 0	16 17 0	148 0	17 5 6

Flow and Returns for above patterns sent to suit requirements. When heated by water, 1 in. are recommended for Radiators with under 50 ft. surface; 1¼ in. with under 100 ft.; 1½ in. with under 150 ft.

All Valves for Water and Air charged extra. Made in smaller and larger sizes. Prices on receipt of requirements.

FIRE IRON REST AND FENDER KERBS.



T 3114. T 3115. T 3116. T 3117. T 3118. T 3119. T 3120. T 3121. T 3122. T 3123. T 3124. T 3125. T 3126. T 3127. T 3128. T 3129. T 3130.

FIRE IRON RESTS.

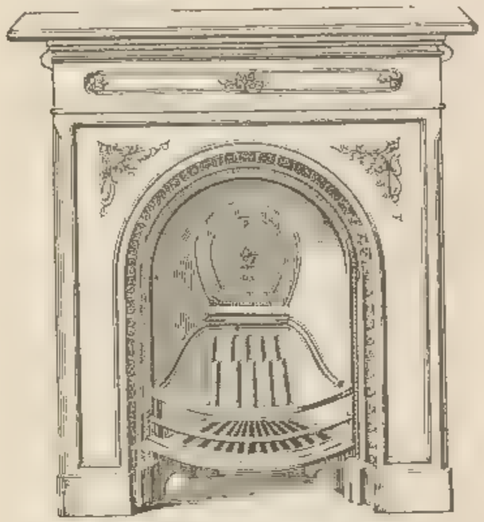
T 3114.	Berlin Blacked	5/6 pair
T 3115	Ditto, Brass Bar and Supports	6/6 ,,
T 3115	—Ditto Brass Knobs	14/6 ,,
T 3116.	-Ditto Brass Knob	13/6 ,,
T 3117	Polished Brass	22/6 ,,
	Ditto, Smaller	15/6 ,,
T 3118	—Polished Brass	8/3 ,,
T 3119	Ditto	10/- ,,
T 3125	—Ditto	27/ ,,

FENDER KERBS.

T 3131.	—Ground and Berlin Blacked	11/6
T 3120.	—Berlin Blacked	9/
T 3121	Ground and Berlin Blacked	11/6
T 3122.	-Ditto, with Brass Knobs and Moulding	21/-
T 3123	—Ditto, with Brass Rail and Supports	24/-
T 3124.	Ditto, ditto ditto,	17/6
T 3125.	Ditto, with Brass Top and Brass Rail and Supports	22/-
T 3126.	-Ground and Berlin Blacked with Brass Rail and Supports	20/
T 3127	— Ditto, Ditto, Ditto	25/6
	If All Brass Dog Ends	33/
T 3128.	Ground and Berlin Blacked with Brass Rail and Supports	24/-
T 3129.	—Ditto, with Brass Moulding and Knobs	52/6
T 3130	—Ditto, with Brass Rail and Moulding	65/-

Above prices for usual sizes up to about 4 ft. 6 in. × 12 in. wide inside. Special sizes will be quoted for.

MANTEL REGISTERS.



C 163. Fine Cast, Fixed Bars, Brick Back

18 in. 20 in. 22 in. 24 in, 26 in 28 in, 30 in. × 38 in

8 in. 10 in. 12 in. 14 in.

32 in. 34 in 36 in. 38 in. × 40 in high.

4½d. per in

16 in. fire.

Same patterns and sizes in Mantel Shams, 3½d per in

C 3138 Fine Cast, Fixed Bars, Brick Back.

24 in wide × 36 in high × 13 in. fire ... £0 9 9 each
30 in 38 in. „ 15 in „ 0 13 9
36 in 40 in. „ 17 in. „ 0 16 9

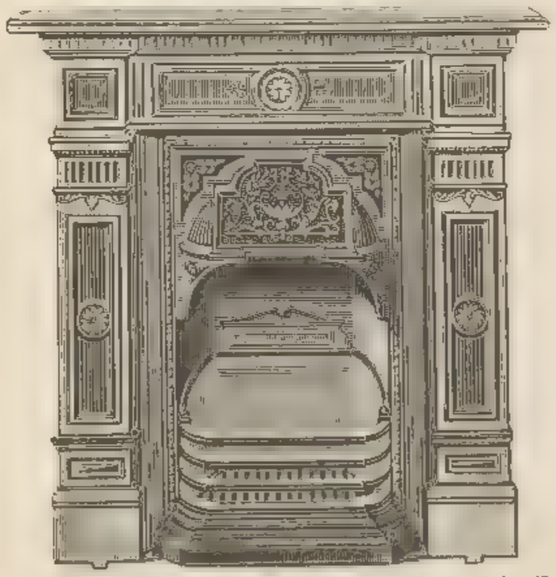
If with Ashes Guard, 1/- each extra

C 167. Fine Cast, 42 in. high, Loose Bars, Brick Back

32 34 36 in wide.
13 15 17 in. fire.
17/ 17/9 18 6 each

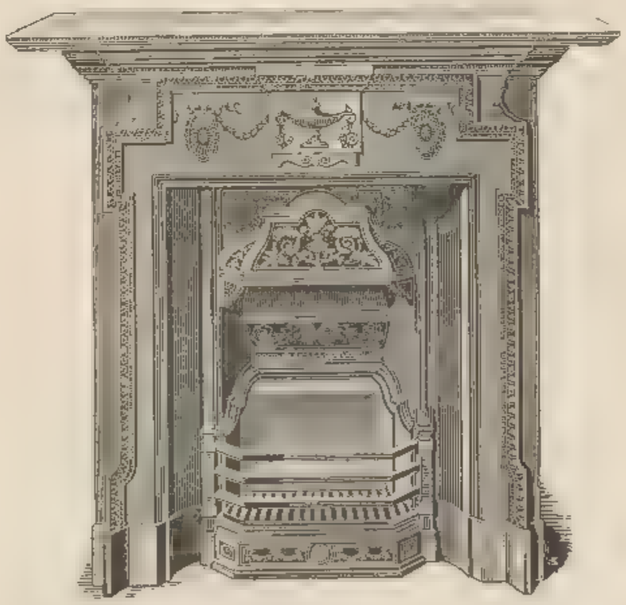
Mantel Shams same [illegible]

32 34 36 in. wide
14/ 15/6 16/9 each.



C 168 Fine Cast, painted one coat, Brick Back and Sides, Loose Bars and Ashes Guard.

24 in. wide × 37 in high × 11 in. fire . £0 19 3 each.
30 in 40 in 13 in. . 1 2 9 „
36 in. „ 42 in. „ 15 in. „ ... 1 6 3 „



C 3139. Fine Cast, painted one coat, Loose Bars and Ashes Guard.

30 in wide × 42 in. high × 14 in. fire .. £1 3 6 each
36 in . 42 [illegible] 16 in 1 [illegible] 6 „

C 170. Fine Cast painted one coat, Brick Back, Loose Bars

36 in. wide × 45 in. high × 18 in. fire ... £1 6 3 each.

Can also be had with 16 in. fire same price.

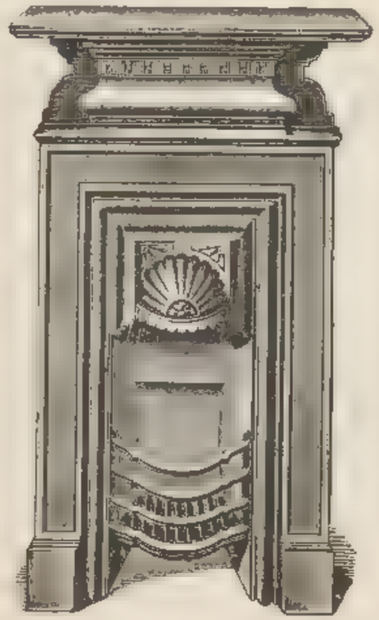
Widths given are outside of Jambs. Further details will be sent on application

MANTEL REGISTERS.

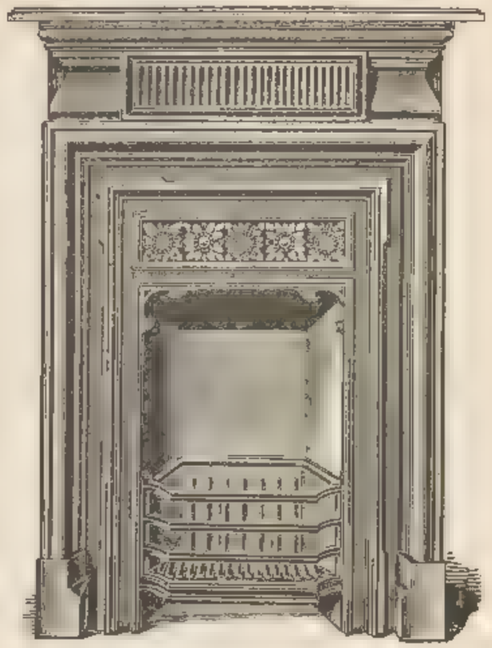
C 3140. Fine Cast, painted one coat, Solid Brick Back and Sides, Loose Bars.

25 in. wide × 48 in high × 12 in Fire	. .	£1 5 6
28 in „ × 49 in. × 14 in „		1 10 6
31 in. „ × 49 in. „ × 16 in „	..	1 16 6

If with Ashes Guard, 2/- extra



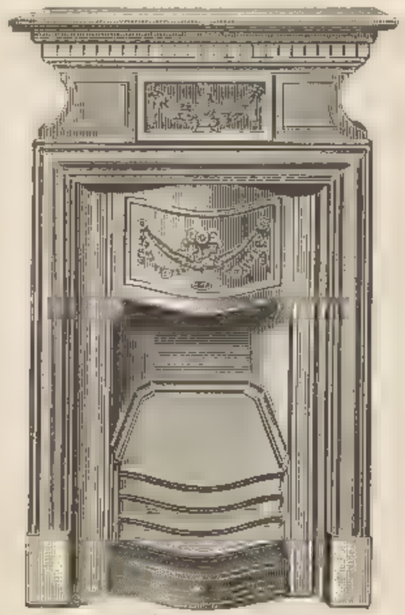
C 3141. Fine Cast, painted one coat, with Brick Back and Sides ... . each £1 15 0
24 in wide 48 in high × 12 in Fire, Width over Shelf, 2[illegible] in



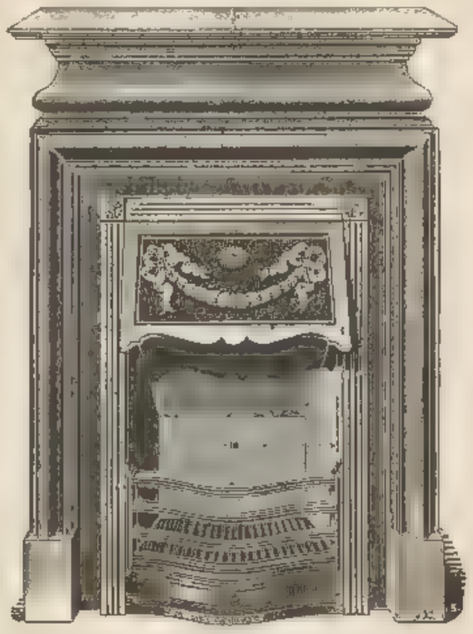
C 3142. Fine Cast, painted one coat, Loose Bars

24 in wide 45 in high 12 in Fire		£1 10 0
30 in. „ × 47½ in. „ × 15 in. „	... ..	1 15 6
36 in. „ × 49 in. „ × 18 in „	... ...	2 1 0

If with Ashes Guard, 1/6 extra.



C 175 Fine Cast, painted one coat, Fire-brick Back, Loose Bars and Ashes Guard, Grated Bottom.
30 in. wide × 3 ft 11 in. high, shelf 2 ft. 10½ in. long, 16 in. Fires, £1 16 6 each
If with Sliding Blower, 5/6 extra.
Can also be had with Brick Bottom at same price.

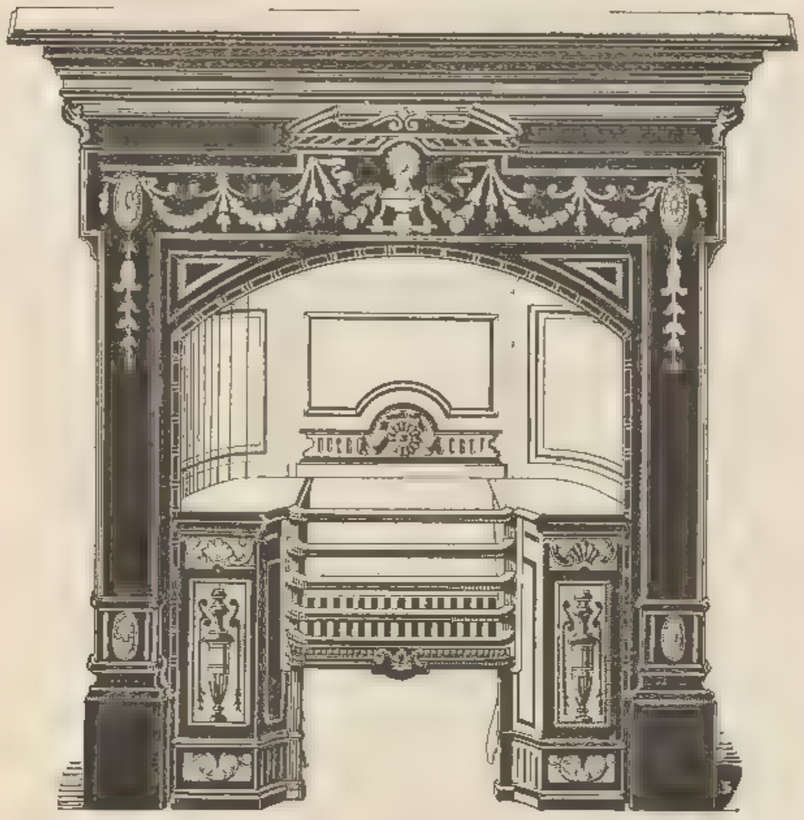


C 3143. Fine Cast, painted one coat, fitted with Adjustable Canopy. Improved Brick Back and Sides, Loose Bars and Ashes Guard. £2 1 6
32 in. wide × 47 in. high × 16 in. and 18 in. Fires ~~£1 15 0~~

C 3144. Fine Cast, painted one coat, with Improved Fire Brick Back in two parts, Loose Bars and Ashes Guard,
36 in wide × 50 in. high × 20 in. Fire £3 6 9

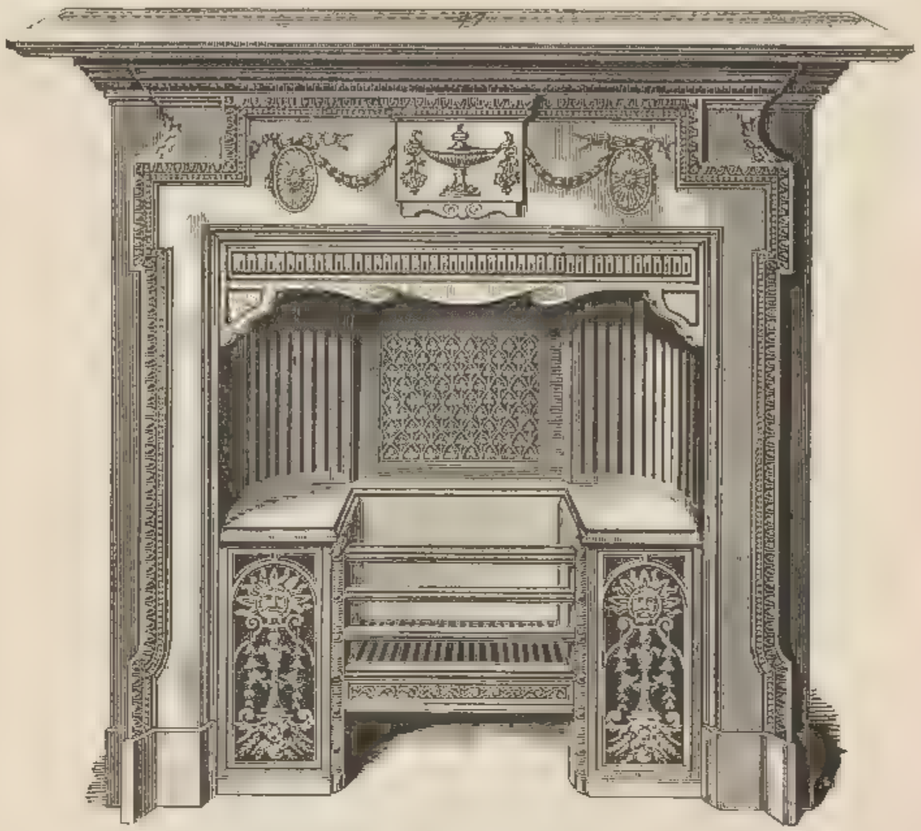
Widths given are outside of Jambs. *Further details will be sent on application*

HOB MANTEL REGISTERS.



C 3148.

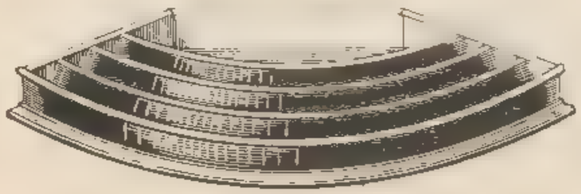
Fine Cast, painted one coat, 36 in. wide × 46½ in high × 12 in. fire	.	£2 0 0
If with Tile Coves instead of Iron .	from	2 10 0



C 3149

Fine Cast, painted one coat, 41½ in wide × 47 in. high × 15 in fire	£2 14 6
If Grate Ground and Berlin Blacked	3 0 0

ASHES PANS.

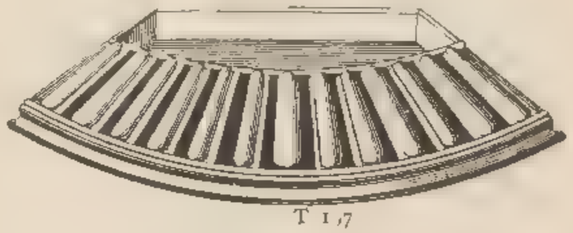


T 190.

Berlin Blacked, with bright Beads and Moulding	15/-
,, ,, brass ,,	16,6
Best finished, ,, bright ,,	26/6
,, ,, brass .	29/-

T 194.

Best finish, Berlin Blacked, with black or bright Venetians, bright Beads and Moulding	26,6
Ditto, ditto, brass Beads and Moulding	29/-



T 1,7

Gadroon pattern, with bright Moulding and Rays ...	44/-
,, ,, brass Moulding and Rays	52/6

Widths given are outside of Jambs. *Further details will be sent on application.*

MANTEL REGISTERS WITH TILE SIDES.

C 3150.

Fine Cast, painted one coat, Loose Bars, Brick Back and Ashes Guard with plain printed Tiles.

35 in. wide × 46 in. high × 14 in. fire	£1 [illegible] [illegible]
38 in. ,, × 46 in ,, × 16 in. ,	1 7 [illegible]

If Panels similar to Illustration 2/6 extra.

C 3151.

Fine Cast, painted one coat, Loose Bars, Brick Back and Ashes Guard with plain printed Tiles

36 in. wide × 48 in. high × 14 in. fire	£1 10 [illegible]
39 in. , × 48 in. , × 16 in ,	1 12 0

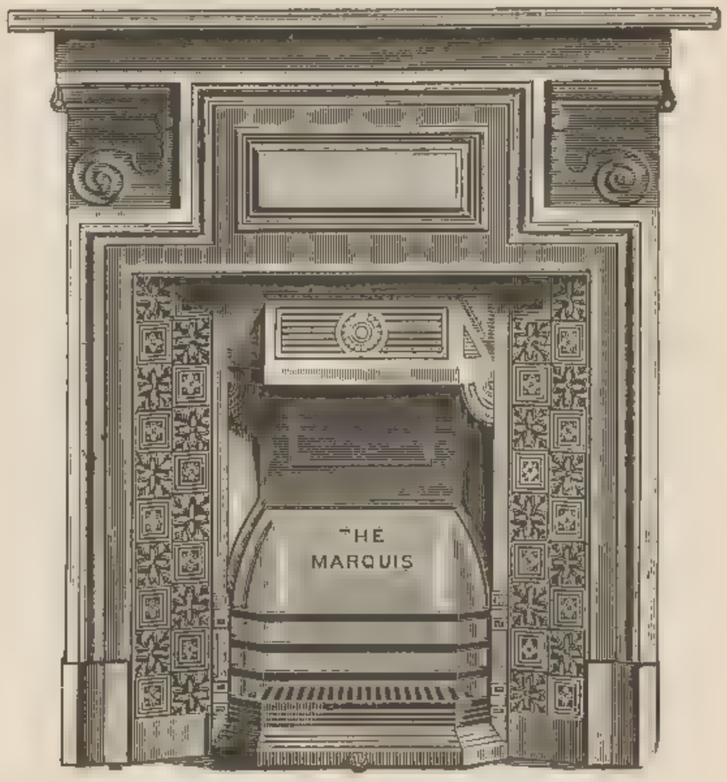
If Panels similar to Illustration 2/6 extra

Widths given are outside of Jambs *Further details will be sent on application.*

C 3152

Fine Cast, painted one coat, Loose Bars Brick Back, Ashes Guard, Lift off Canopy, with Plain Printed Tiles

40 in. wide × 46 in. high × 16 in. Fire	£1 15 6
If Panels similar to illustration	2 6 extra



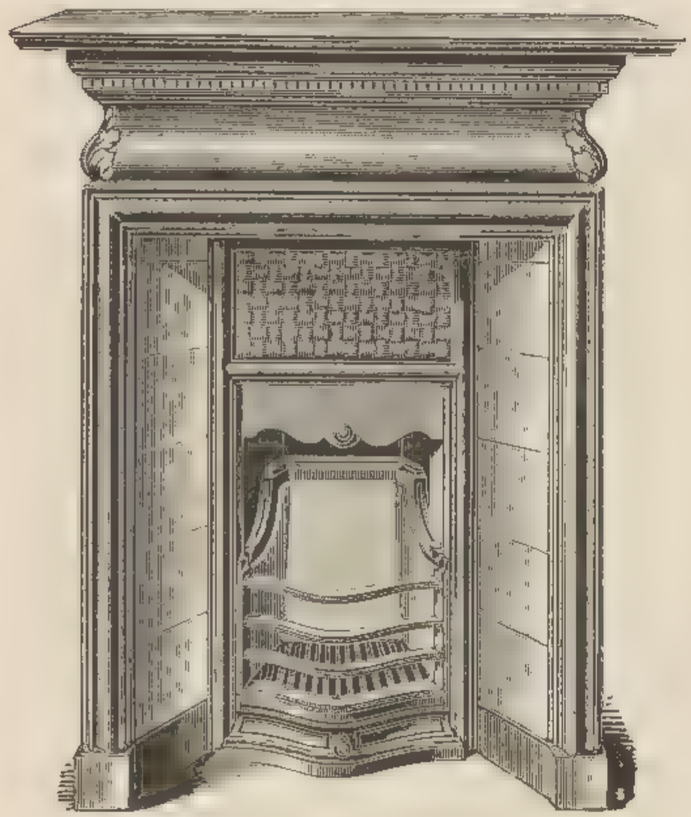
C 3153

Fine Cast, painted one coat, Loose Bars, Brick Back and Sides, and Ashes Guard, with Plain Printed Tiles.

36 in. wide × 50 in high × 18 in Fire	£2 0 0
40 in. ,, × 50 in. ,, × 18 in ,, ...	2 5 9
If Tiles similar to illustration	2 6 extra

Widths given are outside of Jambs. *Further details will be sent on application.*

MANTEL REGISTERS WITH TILE SIDES.

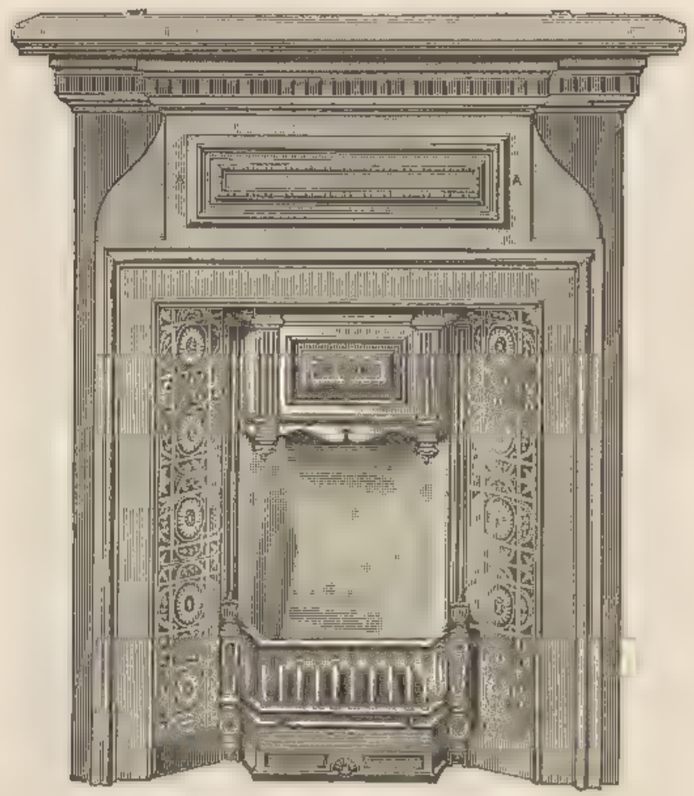


C 3154.

Fine Cast, painted one coat, Loose Bars, Brick Back, Sliding Blower, and Ashes Guard, with Plain Enamelled Tiles.

32 in. wide × 47 in. high × 13 in. Fire	£2 6 0

Shelf, 35 in. long × 6½ in. deep



C 3155.

Fine Cast, painted one coat, Loose Bars, Improved Brick Back and Sides, and Ashes Guard, with Plain Printed Tiles

38 in. wide × 52 in. high × 15 in. Fire	£2 15 0
42 in. ,, × 52 in. ,, × 19 in. ,, ...	2 19 0

If Tiles similar to illustration . ... 2/6 extra.

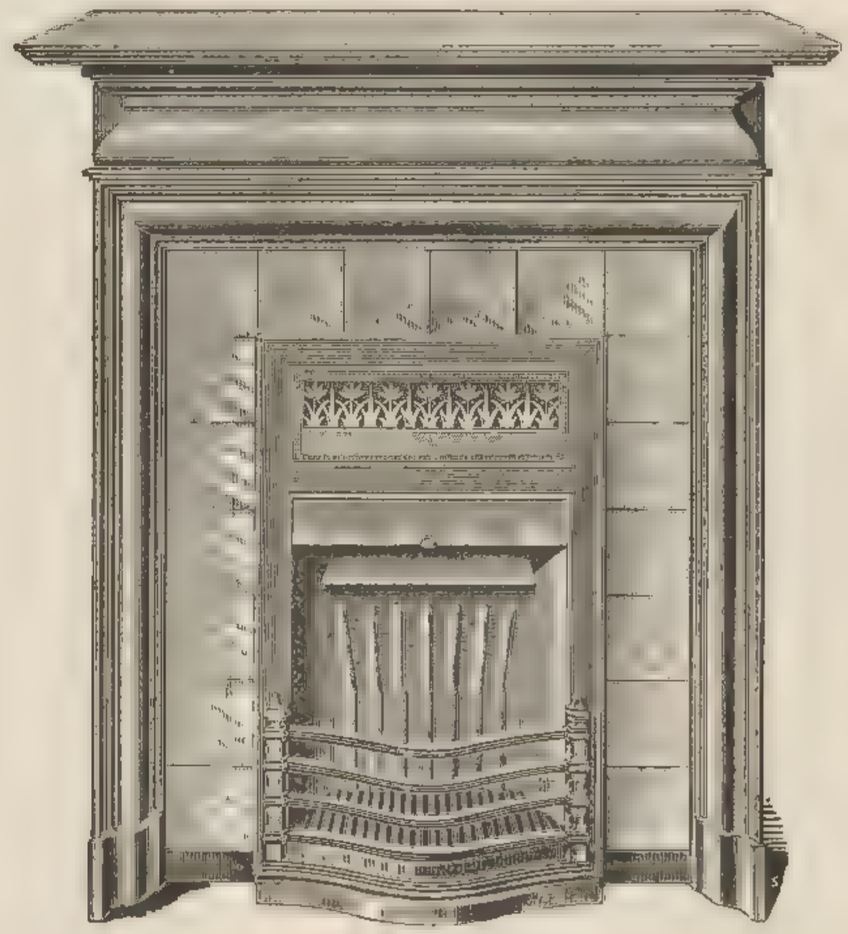
Widths given are outside of Jambs. *Further details will be sent on application.*

MANTEL REGISTERS WITH TILES.

C 3156

Fine Cast, painted one coat, Loose Bars Improved Brick Back and Sides Adjustable Canopy, Ashes Guard, Tiles as illustration 43 in wide × 54 in. high × 16 in. fire £4 7 6

Double Shelf 51 in. long × 9 in. deep.



C 3157

Fine Cast, Painted one coat, Loose Bars, Improved Solid Brick Back and Sides, Sliding Blower and Ashes Guard, with Plain Enamelled Tiles, 44½ in wide × 54 in. high × 18 in. fire £5 5 0

Double Shelf 50 in long × 7½ in. deep

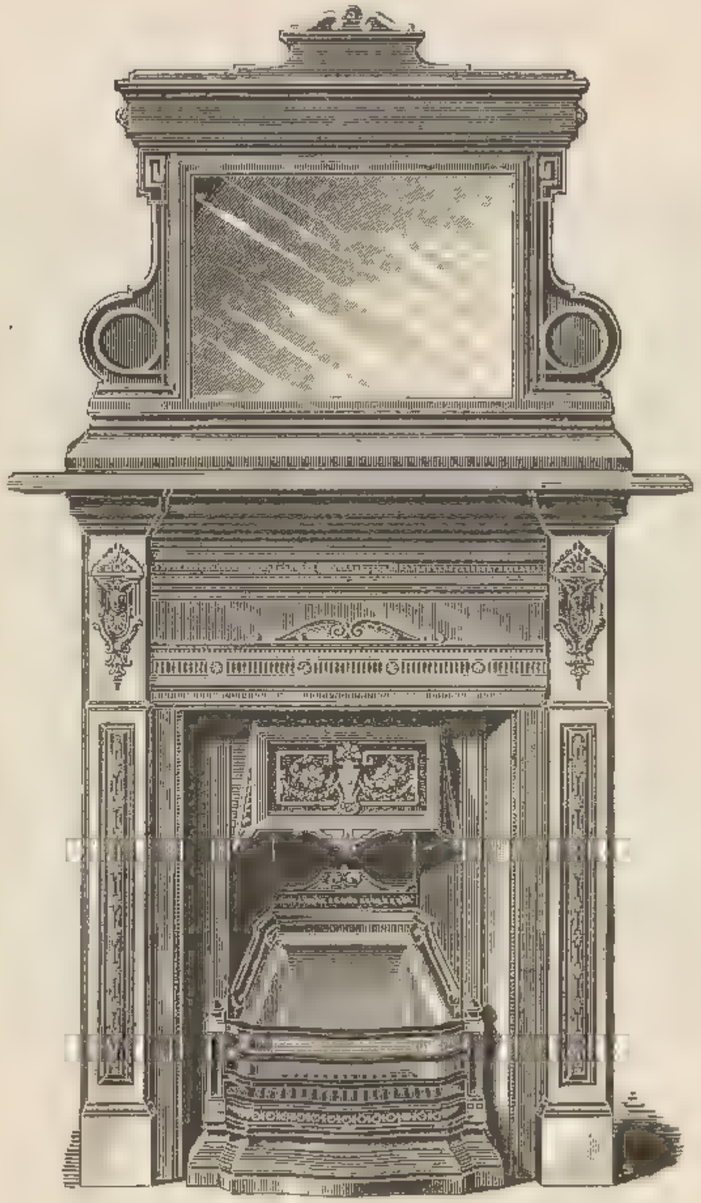
Widths given are outside of Jambs. *Further details will be sent on application.*

MANTEL REGISTERS WITH OVERMANTELS.

C 3158.

Fine Cast, painted one coat, Loose Bars, Lift-off Canopy and Ashes Guard, and Bevelled edge Mirror, Mantelpiece 30 in. wide × 51 in. high over shelf × 14 in. Fire, Overmantel 22 in. high. Price complete £2 2 6

Mantel Register only 1 4 6



C 3159

Fine Cast, painted one coat, Brick Back and Sides, Loose Bars and Ashes Guard, and Flat Mirror, Mantelpiece 36 in wide × 46 in high over shelf × 16 in. Fire Overmantel 36 in. wide × 30 in. high. Price complete .. ... - ... £1 18 6

Mantel Register only 1 3 6

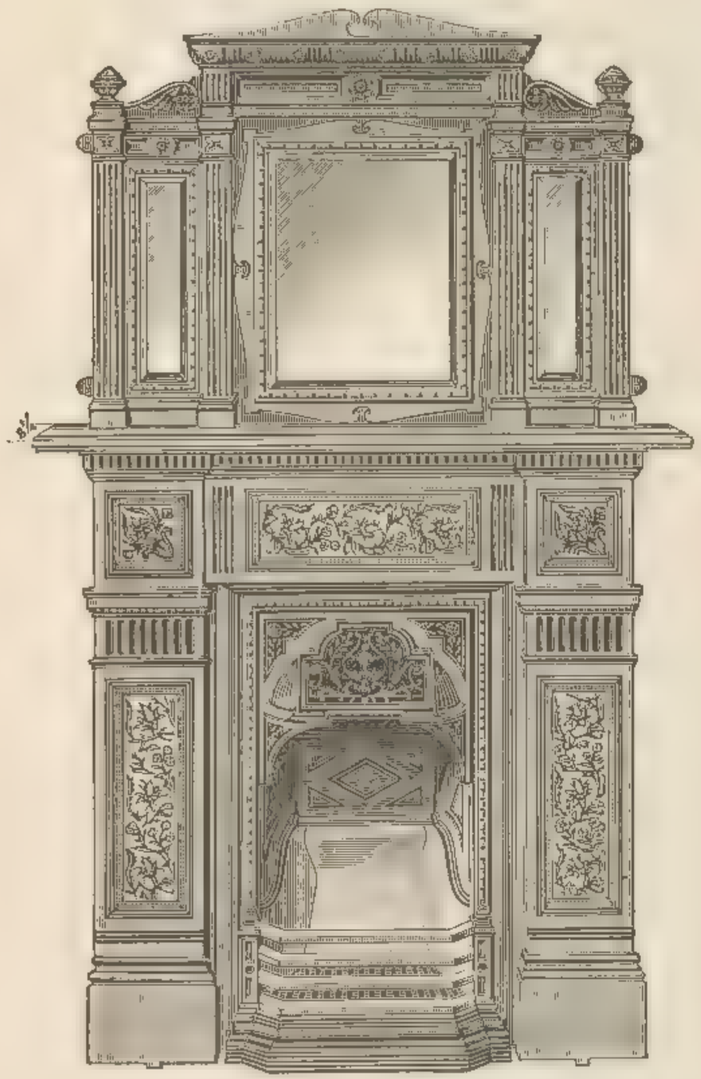
If with Bevelled edge Mirror ... ... 5/- extra.

C 3160

Fine Cast, painted one coat, Loose Bars Lift-off Canopy and Ashes Guard, and Bevelled edge Mirror, Mantelpiece 30 in. wide × 51 in high over shelf × 14 in. Fire, Overmantel 22 in high. Price complete £2 2 6

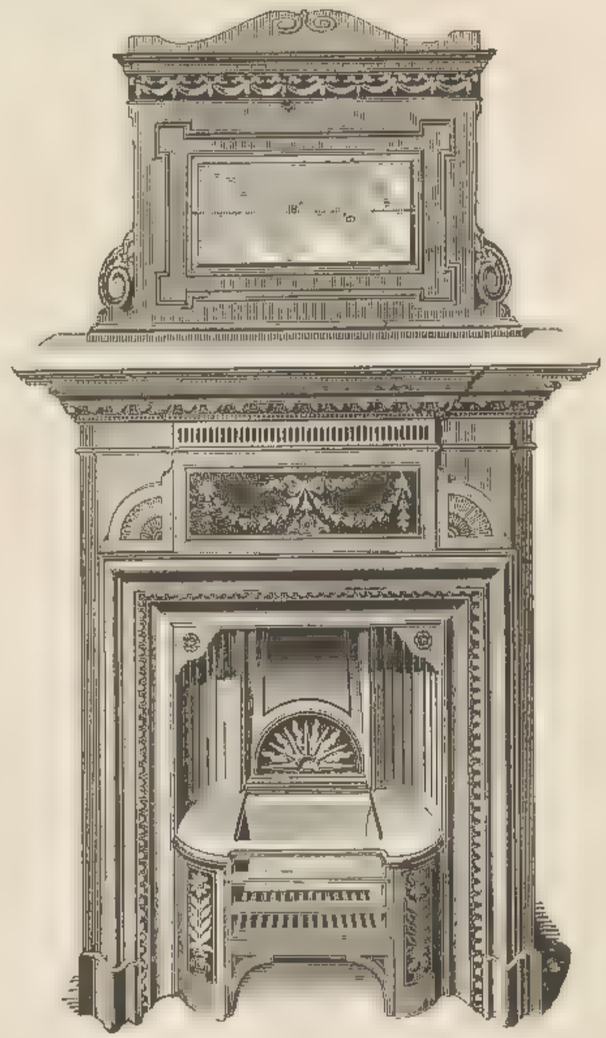
Mantel Register only 1 4 6

Widths given are outside of Jambs. Further details will be sent on application



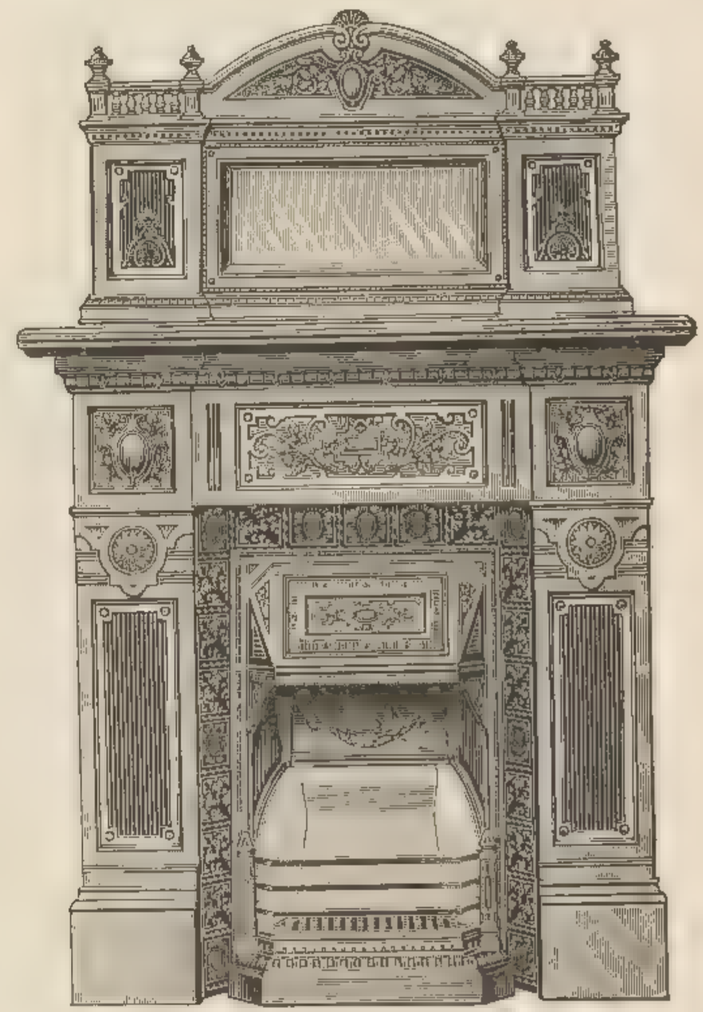
C 3161.

Mantelpiece, 42 in. wide × 48 in. high × 17 in Fire, Fine Cast, painted one coat, Brick Back and Sides, Lift off Canopy, Loose Bars and Ashes Guard, with Tiles as illustrated	£2	12	6
If with Iron Panels instead of Tiles	2	1	6
Overmantel as illustrated, 42 in. wide × 31½ in. high, with Bevelled Edge Mirrors, extra	1	16	0



C 3162.

Mantelpiece, 36 in. wide × 50 in high × 13 in Fire, Fine Cast, painted one coat, Brick Back, with Register Door and Frame, and Fall Door in Back Coving	£2	18	6
If Interior Ground and Berlin Blacked	3	3	6
Overmantel as illustrated, 35½ in. wide × 27½ in. high, with Bevelled Edge Mirror, extra	1	3	6



C 184

Mantelpiece, 42 in. wide × 49 in. high × 17 in. Fire, Fine Cast, painted one coat, with Coloured Tiles, Interior Berlin Blacked, Loose Bars, Grated Bottom and Ashes Guard	£3	13	3
Do., best finished, Enamelled Oak, Walnut, &c., Ground and Blacked Interior	5	15	6
Overmantel as illustrated, 43½ in. wide × 24½ in high Fine Cast, painted one coat, with Bevelled Edge Mirror, extra	2	5	6
Do., best finished, Enamelled Oak, Walnut, &c. extra	3	8	6
Can also be had with solid bottom Slow Combustion Fire, extra .	0	2	6

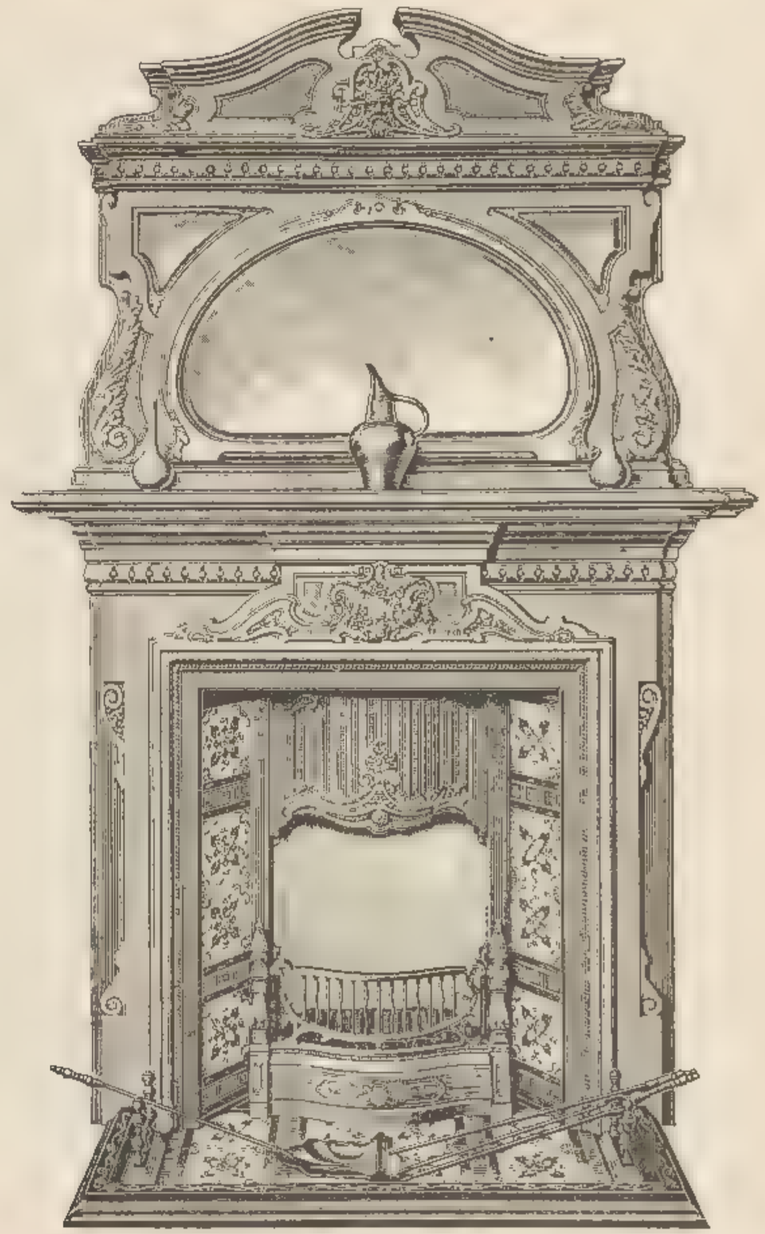
Widths given are outside of Jambs. Further details will be sent on application.

Mantel Registers with Tile Sides and Overmantels.

C 3163.

Mantelpiece 44 in. wide × 52 in high × 15 in fire, Fine Cast, painted one coat, Loose Bars, Brick Back, Sliding Blower and Ashes Guard	£3	17	6
If Interior Ground and Berlin Blacked ..	4	0	0
Overmantel as illustrated, 44 in wide × 37 in. high, with Bevelled edge Mirror	2	1	6

Widths given are outside of Jambs.



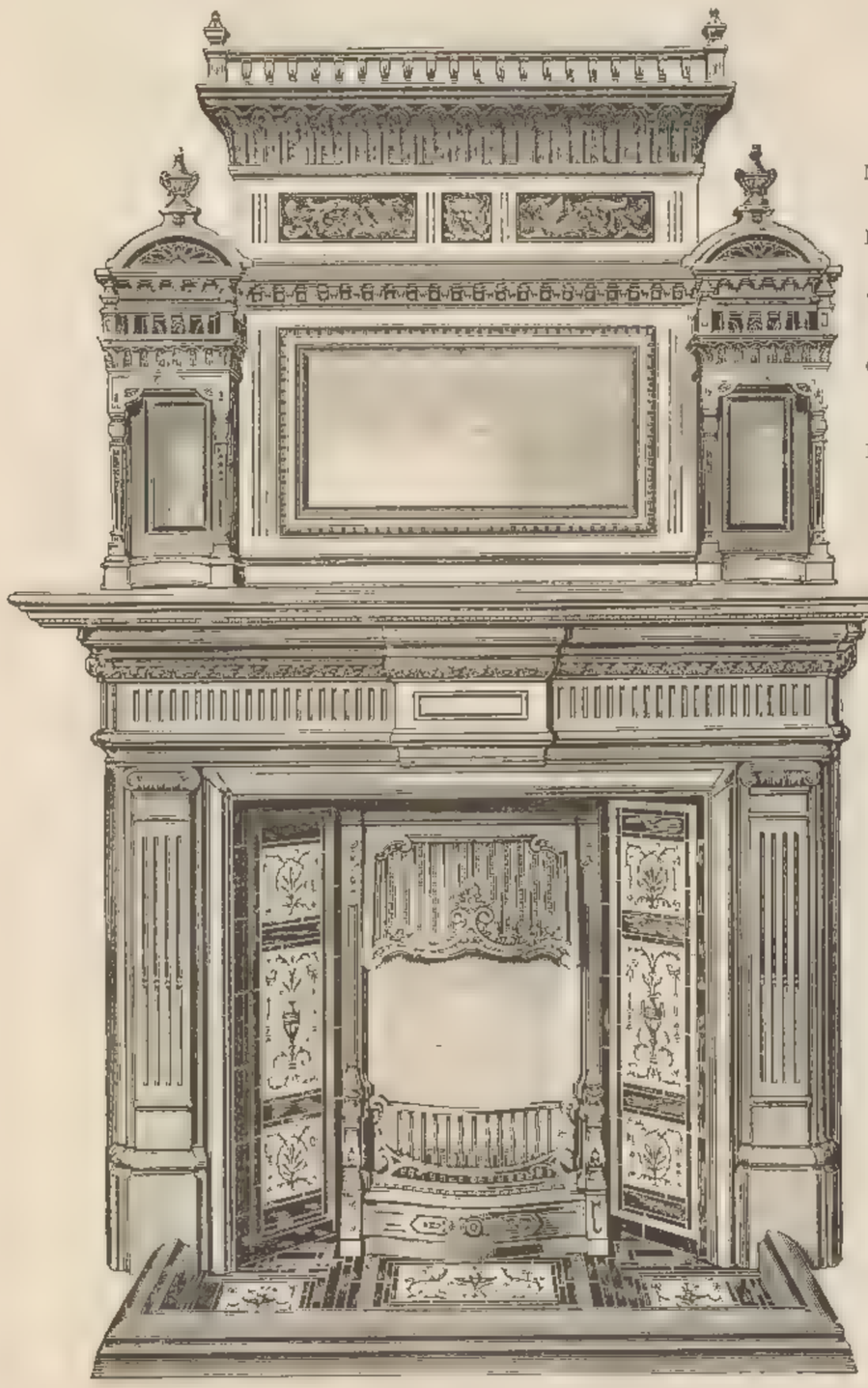
C 3164

Mantelpiece 48 in. wide and 12 in high × 18 in fire, Fine Cast, painted one coat, Loose Bars, Improved Brick Back and Sides, Adjustable Canopy and Ashes Guard	£4	12	6
Ditto, Enamelled in imitation of Oak, Walnut, Rosewood, or Marble Best Quality	9	15	0
Overmantel as illustrated, 51 in. wide × 39 in high, with Bevelled edge Mirrors, Fine Cast, painted one coat .	3	17	6
Ditto, Enamelled in imitation of Woods or Marbles as above	6	0	0

Prices of Tile Hearth, Curb, Fire Irons, &c., on application.

Further details will be sent on application.

IRON MANTELPIECES AND OVERMANTELS.



C 3165.

C 3165.

Mantelpiece, 4 ft. 6 in. high × 5 ft. wide, Fine Cast, painted one coat ... £3 10 0

Do., Enamelled in Imitation of Oak, Rosewood, Walnut or Marble, Best Quality 8 12 0

Will take Grates 38 in or 40 in wide. If opening is 40 in wide, width over Shelf is 5 ft 11 in

Overmantel, 4 ft. 2 in. high, with Bevelled Glass Panels, Fine Cast, painted one coat £5 17 0

Do., Enamelled in Imitation of Woods and Marbles as above £11 5 0

C. 3166.

Mantelpiece, 4 ft 6 in. high × 5 ft. wide, Fine Cast, painted one coat ... £3 11 0

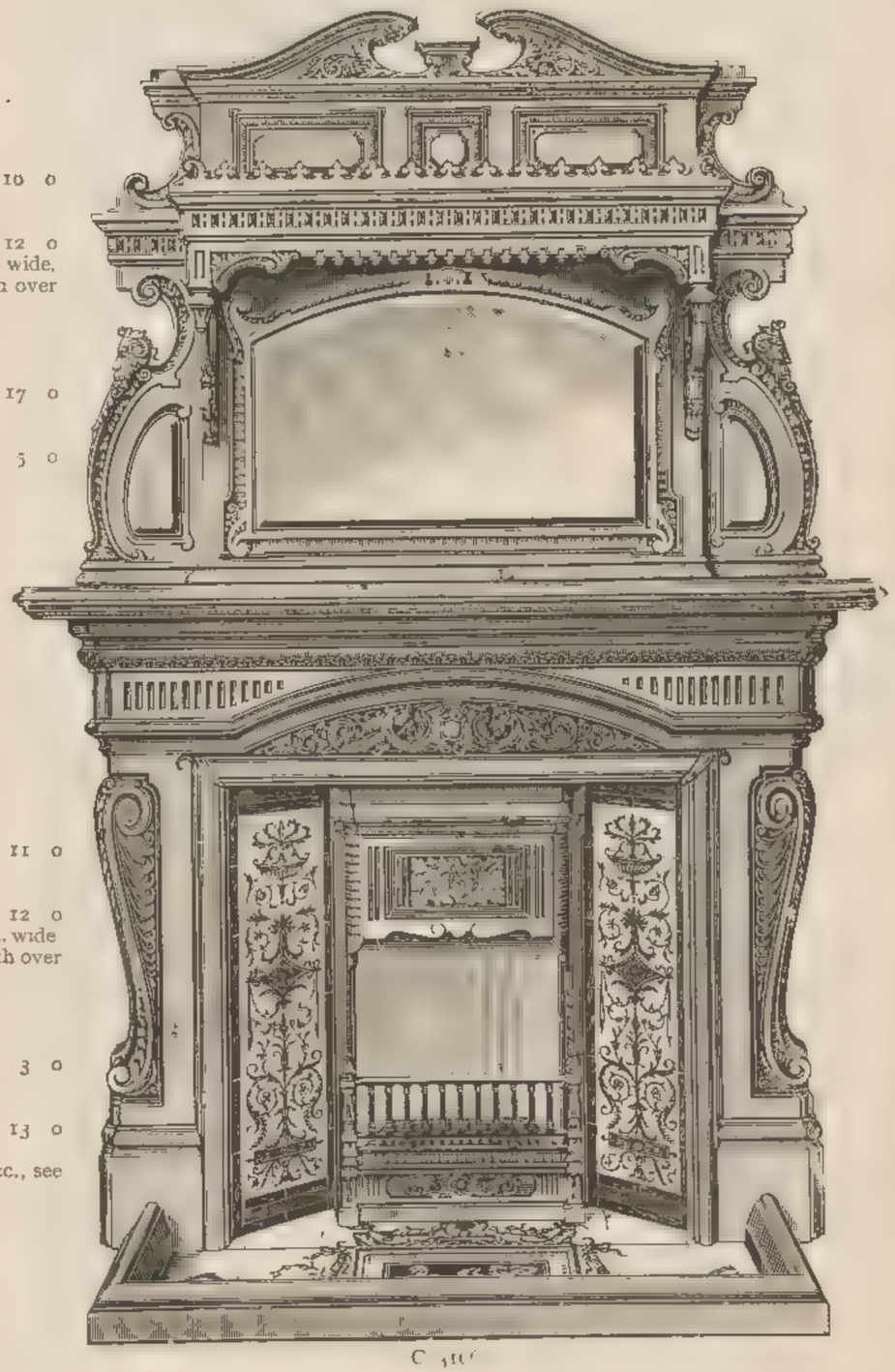
Do., Enamelled in Imitation of Oak, Rosewood, Walnut or Marble, Best Quality 8 12 0

Will take Grates 38 in. or 40 in. wide If opening is 40 in. wide, width over Shelf is 5 ft 11 in.

Overmantel, 4 ft high, with 3 Bevelled Glass Panels, Fine Cast, painted one coat £6 3 0

Do., Enamelled in Imitation of Woods or Marbles, as above 11 13 0

For Prices of Grates, Kerbs, &c., see Special Illustrations



C 3166

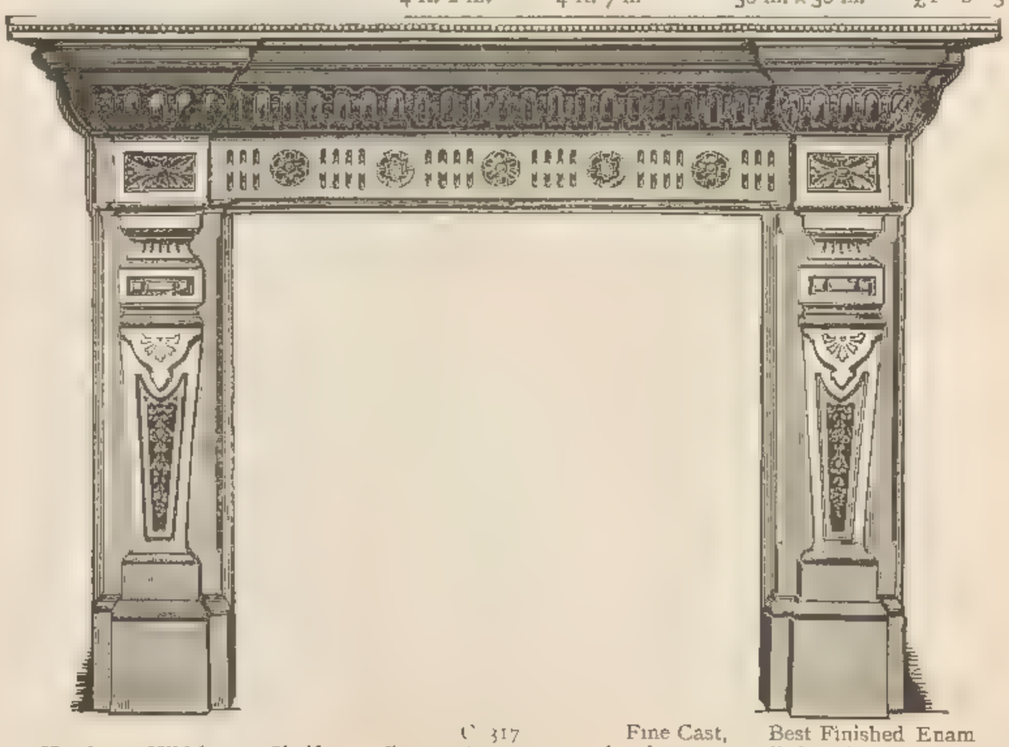
Widths given are outside of Jambs. *Further designs sent on application.*

IRON MANTELPIECES.

Height	Width over Shelf.	C 3170. To take Grates.	Fine Cast, painted one coat.	Best Finished, Enamelled, Oak, Walnut, &c.
4 ft 1 in.	4 ft. 6 in	30 in × 36 in.	£1 3 6	£3 2 6
4 ft. 1 in	4 ft 8 in.	32 in. × 36 in. or 34 in. × 36 in	1 4 0	3 7 6
4 ft 3 in	5 ft. 0 in.	36 in. × 38 in or 38 in. × 38 in.	1 4 6	3 10 0

C 3171. Fine Cast, painted one coat	Height.	Width over Shelf.	To take Grates.	Price.
	4 ft. 2 in.	4 ft. 7 in	38 in. × 38 in.	£1 8 3

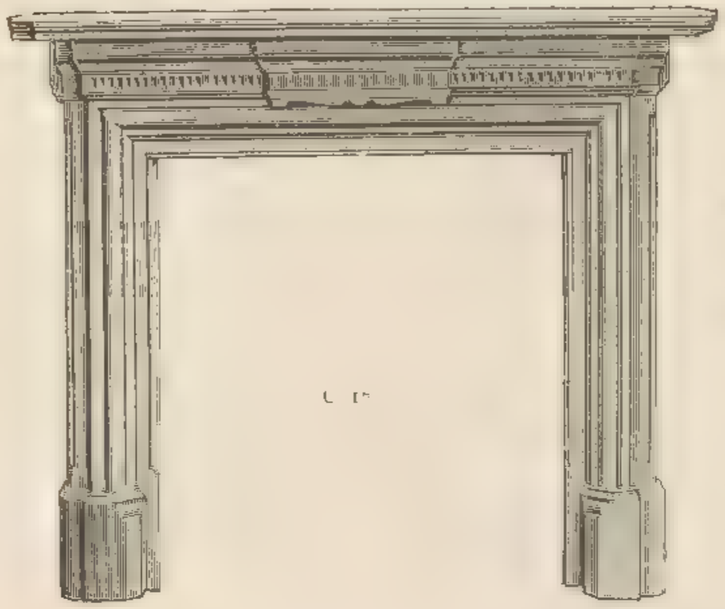
C 3172 Fine Cast, painted one coat.	Height.	Width over Shelf	To take Grate	Price
	4 ft. 3in	5 ft. 1 in.	36 in. × 38 in.	£1 12 3
	4 ft. 3in	5 ft. 3 in	38 in × 38 in.	1 13 3



Height.	Width over Shelf.	C 317 To take Grates	Fine Cast, painted one coat.	Best Finished Enamelled, Oak, Walnut, &c.
4 ft. 4 in	6 ft 0 in.	38 in or 40 in 38 in	£3 10 0	£9 11 6

Further designs sent on receipt of requirements.

IRON MANTELPIECES.

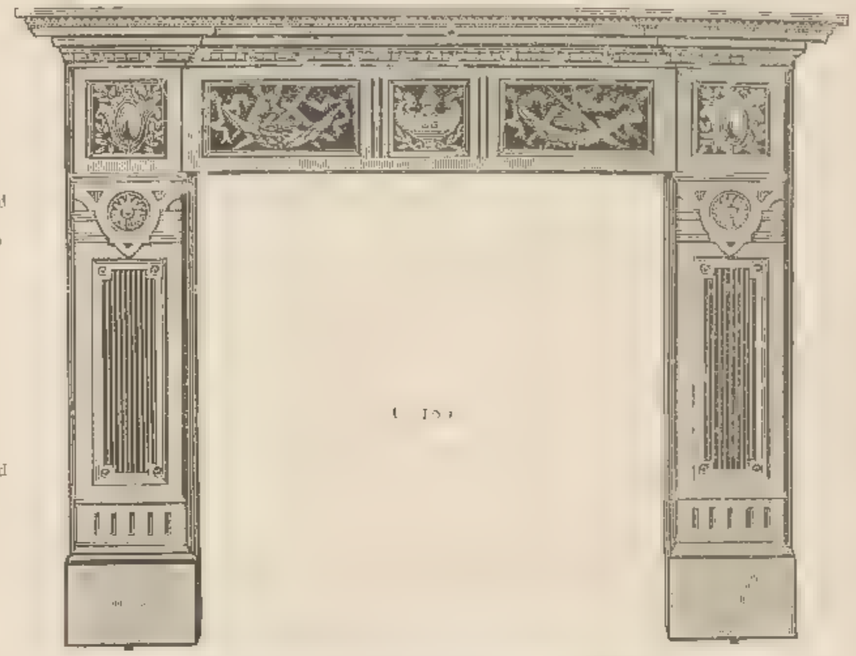


C 179

Height.	Width over shelf.	To take Grate.	Price. Fine Cast, Painted one Coat	Price. Best finished Enamelled Oak, Walnut, etc.
3 ft 10½ in	4 ft 3 in	30 × 36 in.	28/-	66/6
4 ft 1½ in	5 ft.	36 × 38 in.	34/-	80/
4 ft 1½ in	5 ft. 2 in	38 × 38 in.	34/	80/-

C 180

Height.	Width over shelf.	To take Grate	Price. Fine Cast, painted one cont.	Price. best finished Enamelled Oak, Walnut, etc.
4 ft 2½ in.	5 ft 3 in.	36 × 38 in.	41/9	97/6
4 ft 2½ in.	5 ft 5½ in	38 × 38 in		



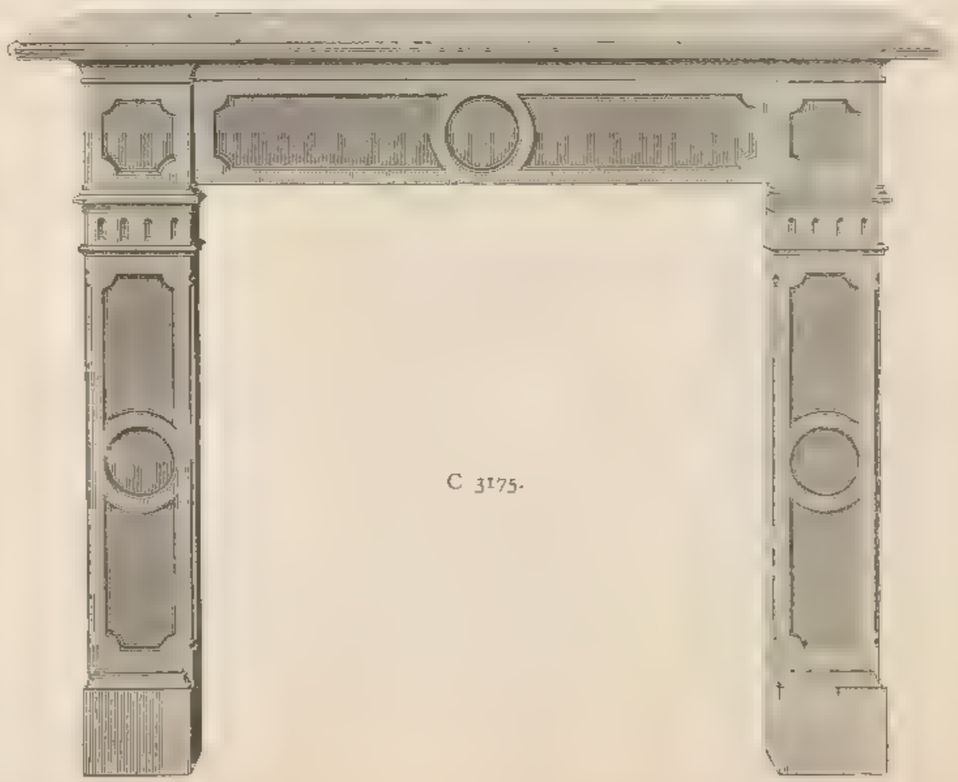
C 3174.

Height.	Width over shelf.	To take Grate.	Price Fine Cast, painted one coat.
53 in.	53 in.	36 in. × 38 in.	30 -
53 in	55 in.	38 in × 38 in	30

C 3175.

Fine Cast, Kitchen Mantelpiece, Painted one coat

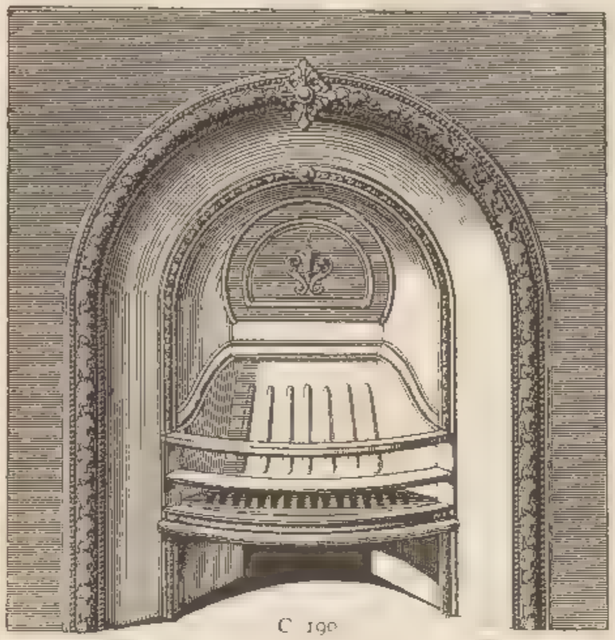
Size of Opening	Jambs.	Price.
3 ft × 4 ft. 6 in	7 in.	18/6
3 ft. 3 in. × 4 ft. 6 in.	7 in	20/-
3 in × 4 ft 6 in	[illegible]	[illegible]
3 ft. 9 in. × 4 ft. 6 in.	7 in.	23/6
4 ft. × 4 ft. 6 in.	7 in.	25/-
4 ft. 3 in. × 4 ft 6 in.	9 in	30/-
4 ft. 6 in × 5 ft.	9 in	33/6
4 ft. 9 in × 5 ft.	10 in.	38/6
5 ft. × 5 ft	10 in.	43/6



C 3175.

Further designs sent on receipt of requirements.

REGISTER GRATES, FINE CAST, BRICK BACKS.



C 190

C 190 —Fixed Bars 3d. per inch.

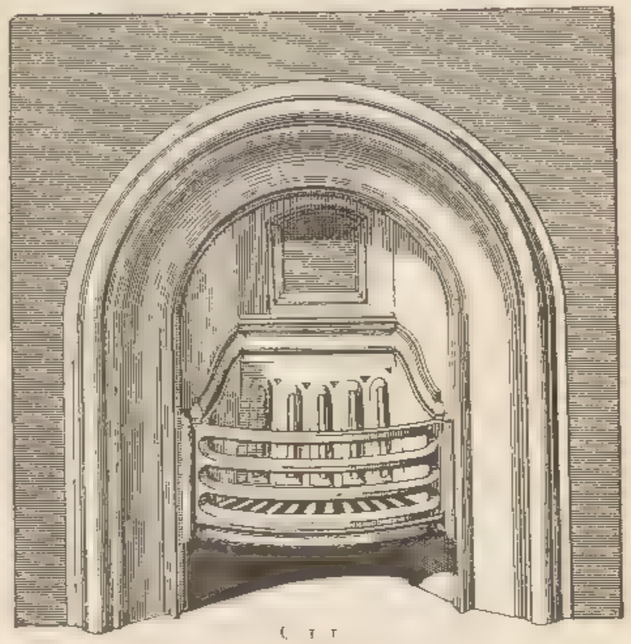
Sizes—	16 in.,	18 in	wide ×	36 in.	high ×	9 in	fire.
	20 ,,	22	,,	36		10	,,
	24 ,,	26	,,	36		12	,,
	28 ,,	30	,,	36	,,	14	,,
	32 ,,	34	,,	36	,,	16	,
	36 ,,	38	,,	38	,	16	,,

Ditto, sham fronts only 2⅜d. per inch.

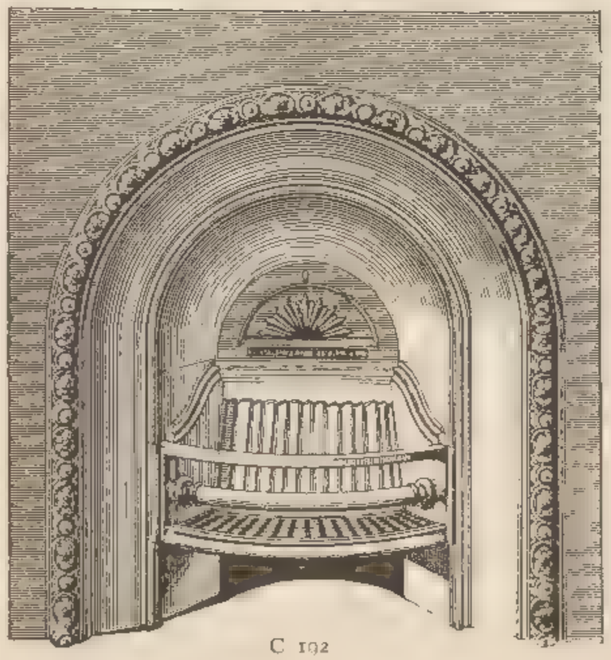
C 191. —Loose Bars, Box Back 4½d. per inch.

Sizes—	24 in.,	26 in.	wide ×	36 in.	high ×	12 in	fire.
	28 ,,	30	,,	36		14	,
	32 ,,	34	,,	36		16	,,
	36 ,,	38	,,	38	,	18	
	40 ,,	42	,,	38	,	18	,,

C 190 and C 191 with Octagon Bars, at same price.



C 191



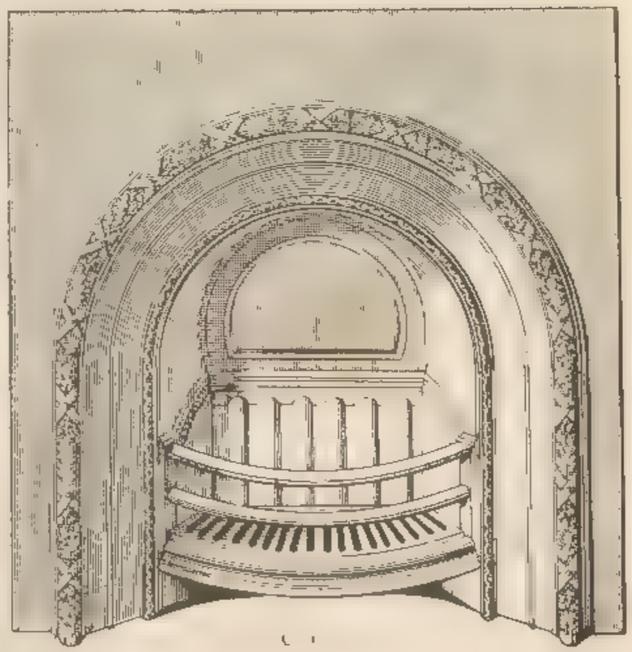
C 192

C 192 —Loose Bars, Bivalve Back 7d. per inch

Sizes—	30, 32 in	wide ×	36 in	high ×	14 in	fire.
	34	,,	36	,,	16	,,
	36, 38	,,	38	,,	18	

C 193 —Loose Bars, Heavy Metal .. 7d per inch

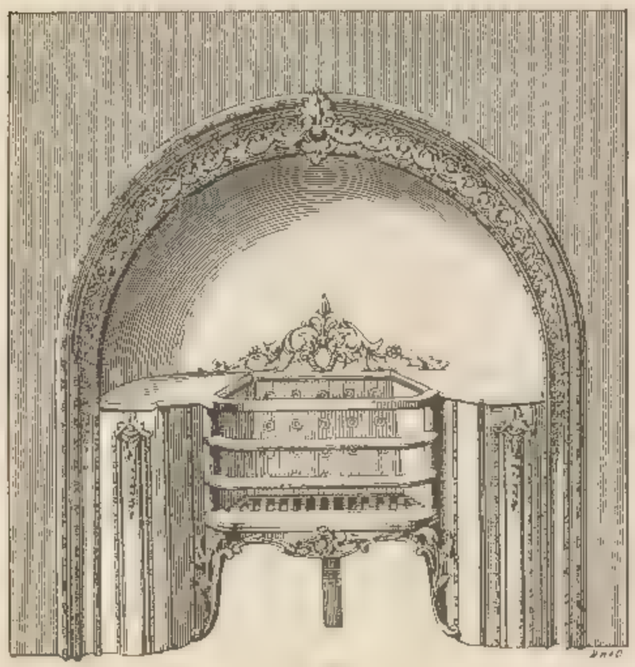
Sizes—	24,	26 in	wide ×	36 in.	high ×	14 in.	fire
	28, 30, 32, 34		,,	36	,,	16	
		36	,,	38	,,	18	,,
	38	40	,,	38	,,	20	,



C 193

The sizes of fires given on this page (only) are measured between the beads, and in clear are about 2 inches less.

REGISTER GRATES WITH HOBS.

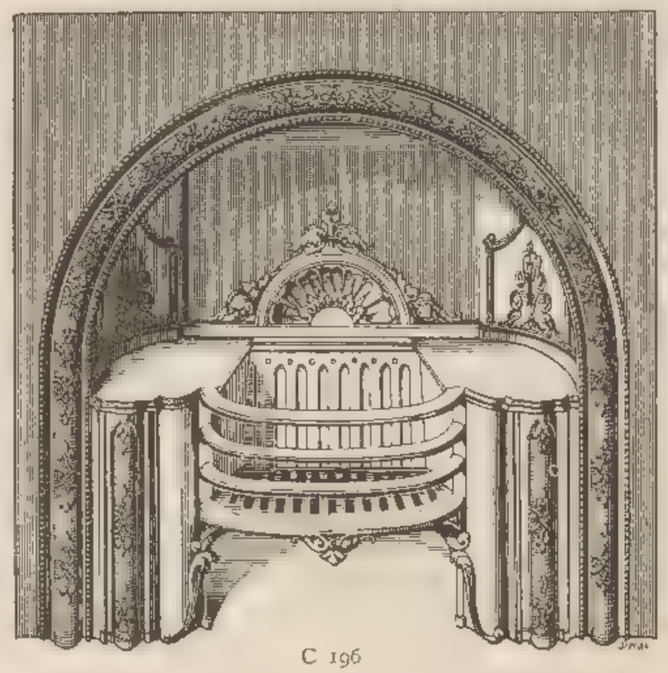


C 195.—Fine Cast, Iron Back ... ... 5d. per inch.

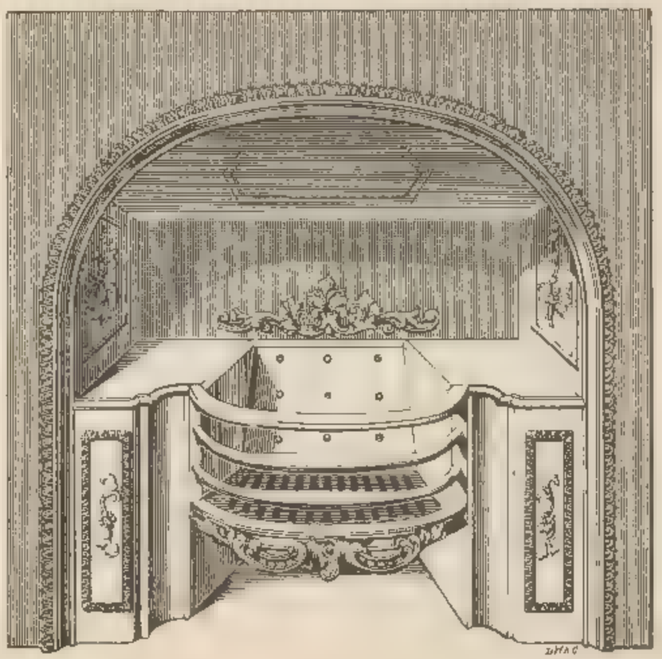
Sizes -24, 26, 28, 30, 32, 34 in. wide × 36 in. high
36, 38 in. ,, × 38 in.

C 196. Fine Cast, Brick Back 7½d. per inch.

Sizes 24 in to 34 in. wide × 36 in. high.
36 in. to 40 in. wide × 38 in. high.



C 196



C 197.

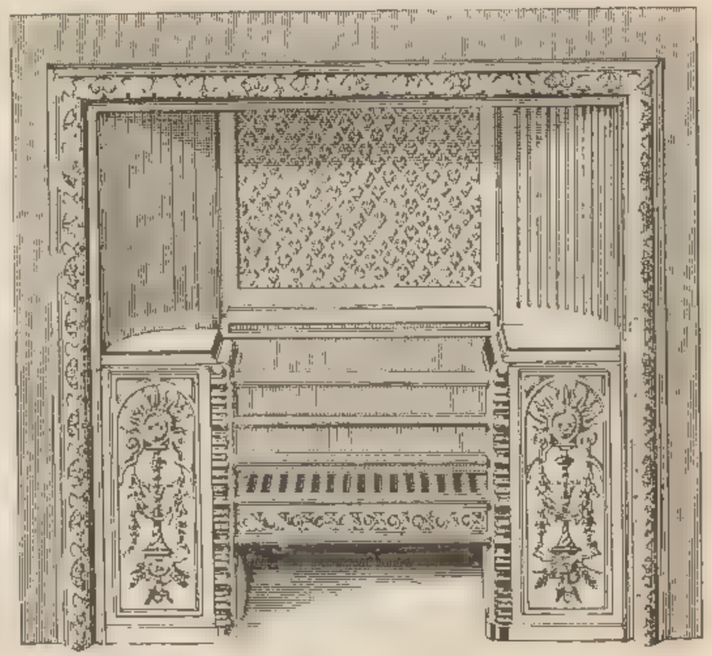
C 197.—Fine Cast, Brick Back, Large Fire ... 9½d. per inch.

Sizes 28 in to 34 in. × 36 in high.
36 in. to 38 in. × 38 in.

C 198

Fine Cast	36/6	each
Ground and Berlin Blacked	42/	,,
Ditto, Better finished	47/6	,,

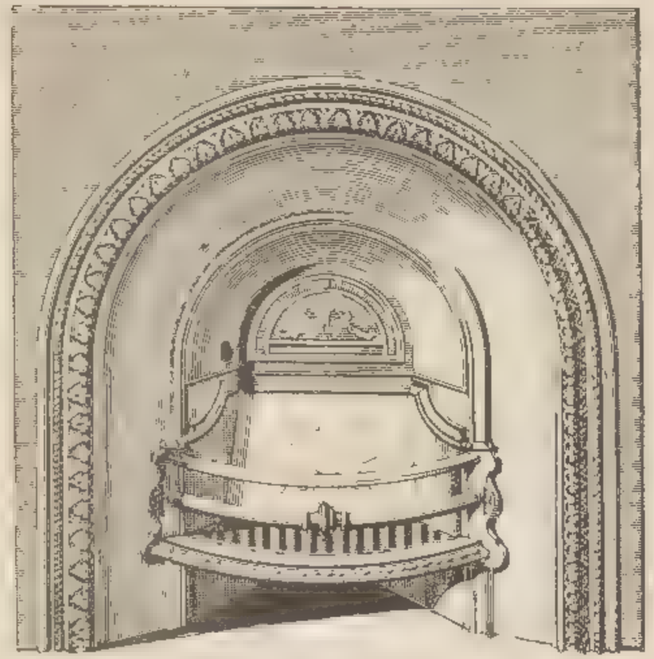
Sizes 34 in wide × 36 in high
36, 38, 40 in. wide × 38 in high



C 198

Further designs will be sent on receipt of requirements.

REGISTER GRATES, GROUND AND BERLIN BLACKED.



C 200

C 200.—With Bright Bead, Loose Bars . £1 4 6

Sizes 24 to 34 in wide × 36 in. high.

36 to 38 in wide × 38 in. high.

Ditto, without Bright Bead .. £0 19 0

Also supplied as a sham, prices 20/ with Bright Bead, 15/- without.

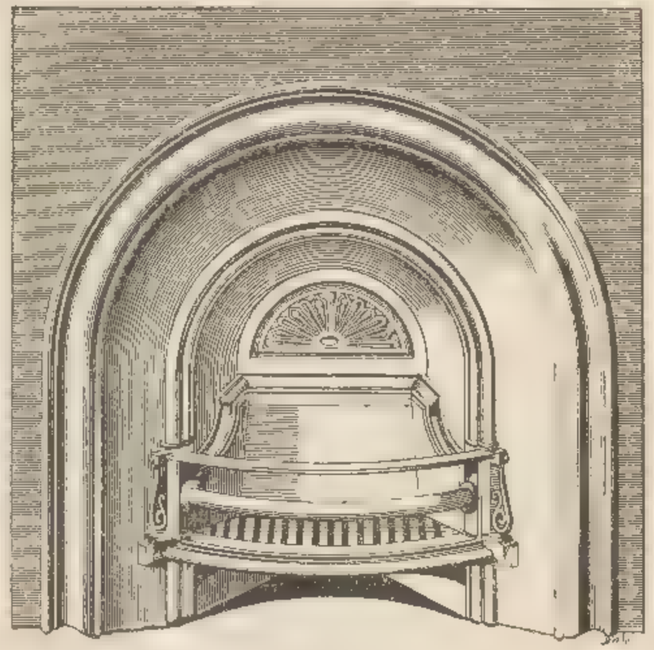
C 201.—Bright Bead, Loose Bars.

Sizes 34 in wide × 36 in. high... ... . £1 4 6

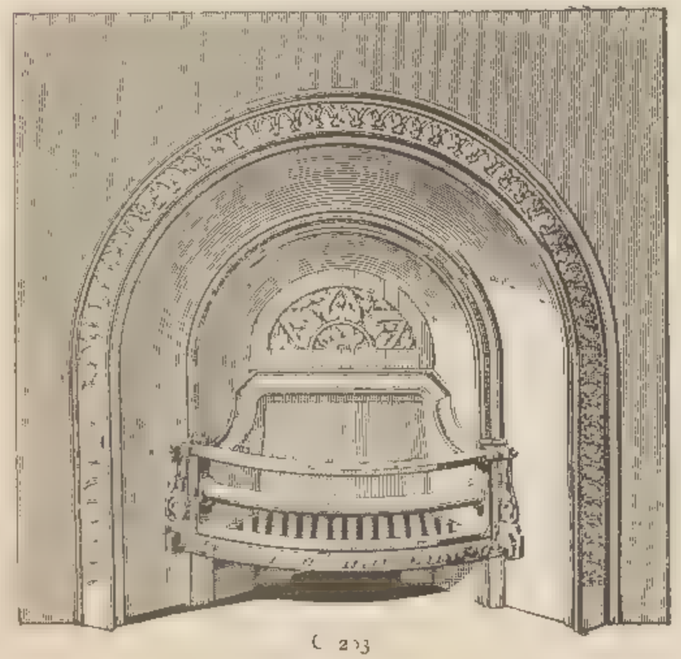
36 to 40 in. wide × 38 in high £1 6 6

Ditto, without Bright Bead, 5/6 less.

Ditto, Better Finish, 4/ extra.



C 201



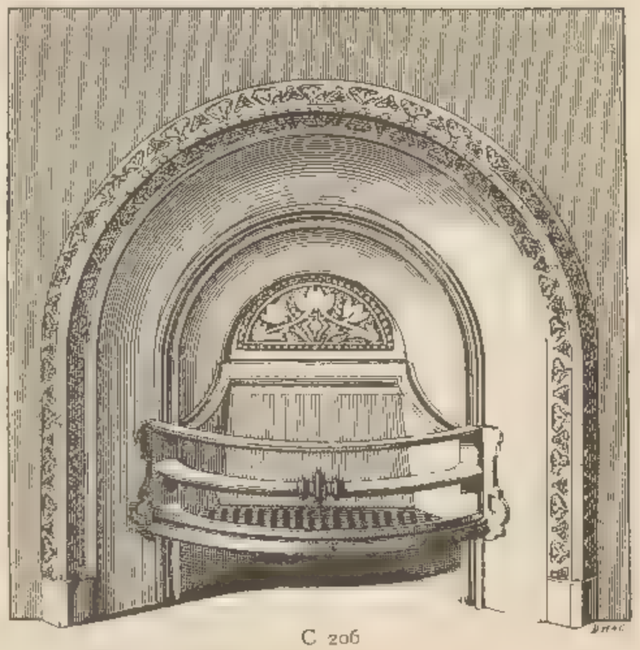
C 203

C 203.—Loose Bars, Bright Face to Moulding.

30 to 34 in. wide × 36 in high }
36 to 40 in. wide × 38 in. high } ... £1 11 0

C 206.—36 to 40 in × 38 in high £1 18 0

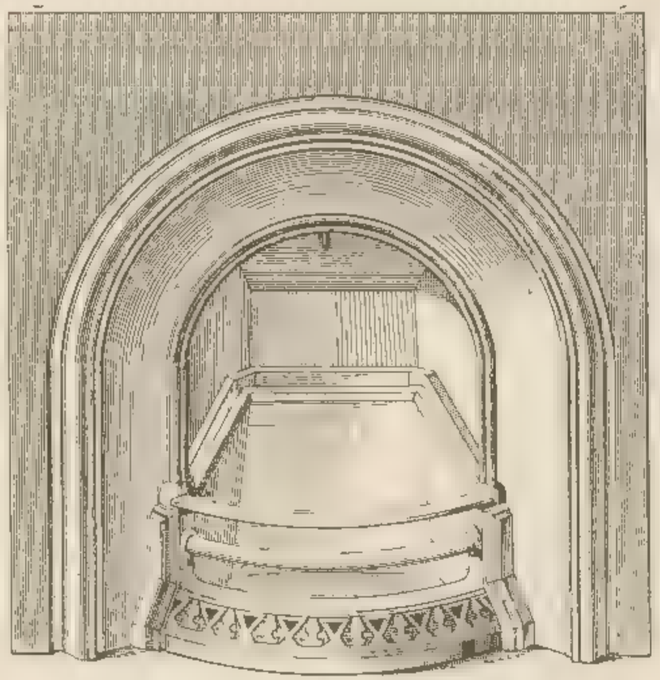
Ditto, ditto Better Finish £2 4 0



C 206

Further designs will be sent on receipt of requirements.

REGISTER GRATES AND MANTEL SHAMS.



C 234

C 234.—Slow Combustion Register

Sizes 24 in to 34 in × 36 in. high. 36 in. to 40 in. × 38 in. high

Fine Cast	£0 0 10 per inch
Ground and Berlin Blacked	£1 16 6 each

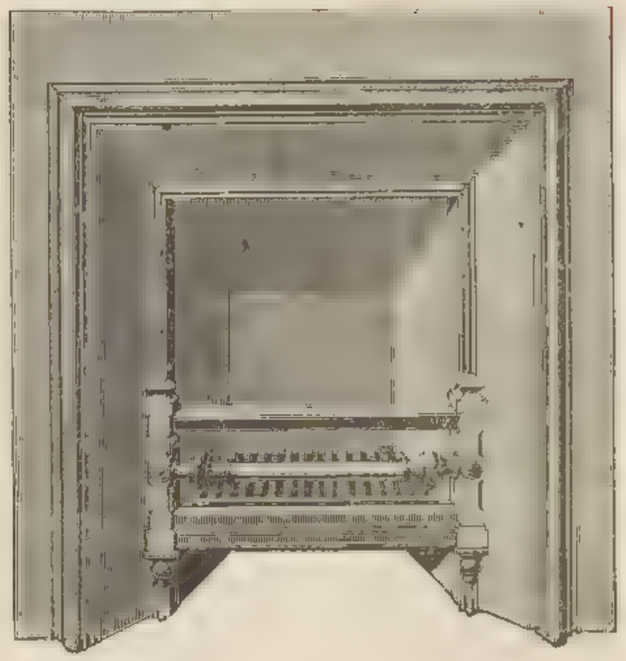
May be had with octagon bars at same prices

C 235.—Strong Fine Cast Register, all Fire Brick Back and Sides, Loose Bars

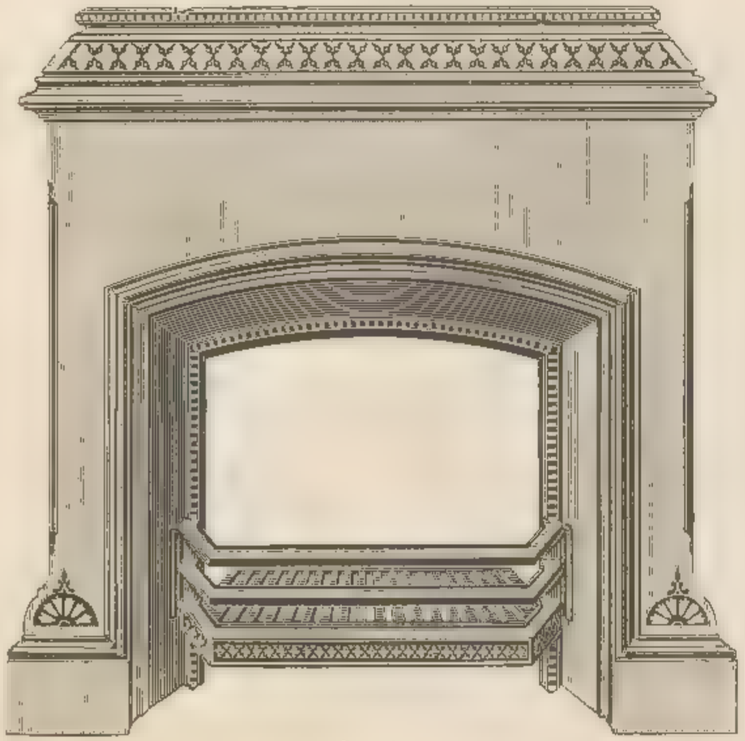
Sizes	30 × 36	32 × 36	34 × 36	36 × 38 in
Fires	14 in	14 in.	16 in	18 in.
Prices ...	£1 15 0	£1 17 6	£1 18 6	£2 0 0 ea
Sham fronts only	0 13 6	0 15 0	0 16 6	0 18 6 ,,

Sizes	38 × 38	40 × 38	42 × 42	43 × 42 in
Fires	20 in.	20 in.	22 in.	24 in
Prices ...	£2 2 6	£2 4 0	£2 7 6	£2 10 0 ea.
Sham fronts only	0 19 6	1 2 6	1 5 0	1 7 0 ,,

If wrought iron fire bars 5/- each extra.



C 235.



C 236

C 236.—Mantel Shams, Fine Cast and Blacked, Loose Bars.

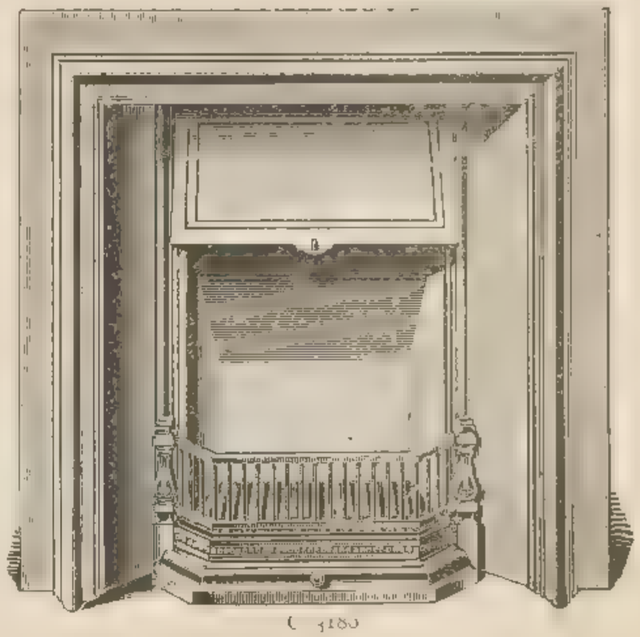
Width	36	39	41	43	45 × 48 high	55 × 53 in. high
Fires	15 in.	17 in.	19 in	21 in.	23 in.	26½ in wide
Prices	30/-	31/6	34/	37/6	39/	56/6 each

Width given is full width

C 3180.—Plain Register Grate with Adjustable Canopy, Improved Brick Back and Sides, and Ashes Guard.

Sizes 36 in to 40 in. wide × 38 in high × 18 in fire

Fine Cast and Blacked	£2 0 0
Ground and Berlin Blacked	£2 5 0



C 3180

Further Designs sent on receipt of requirements.

REGISTER GRATES WITH TILE PANELS.

C 3181

C 3181. 30 in. to 34 in. wide × 36 in. high × 14 in fire
36 in. & 38 in. wide × 38 in high × 16 in fire

Fine Cast and Blacked, Grating Bottom and Ashes Guard, with plain printed Tiles	£0	18	0
Ground and Berlin Blacked.. .. .	1	0	6
If Tile Panels similar to Illustration, extra	0	2	6
Grate only for Tiles but no Tiles, Fine Cast and Blacked	0	14	6
Ground and Berlin Blacked	0	17	0

C 3182. 32 in. & 34 in. wide × 36 in. high × 16 in. fire
36 in. & 38 in. wide × 38 in high × 16 in. fire.

Fine Cast and Blacked, Grating Bottom and Ashes Guard, with colored Tiles and Strips	£1	6	3
Ground and Berlin Blacked	1	11	3
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	1	0	3
Ground and Berlin Blacked	1	5	3

C 212 30 in. to 34 in. wide × 36 in. high × 14 in. fire
36 in. & 38 in. wide × 38 in. high × 16 in. fire.

Fine Cast and Blacked, Grating Bottom with plain printed Tiles	£0	19	0
Ditto ditto with better Tiles ..	1	3	9
Ground and Berlin Blacked, plain printed Tiles	1	5	0
Ditto ditto with colored Tiles and Strips	1	7	6
Ashes Guard, extra	0	1	6
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	0	15	6
Ground and Berlin Blacked	1	1	0

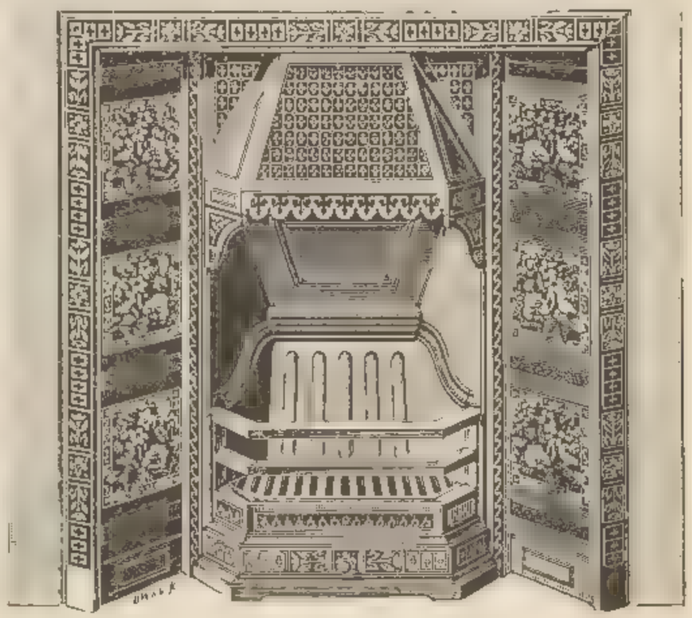
C 213 Grating Bottom and Ashes Guard, suitable for small rooms.

Sizes— 34 in. wide × 36 in high × 14 in. fire.
36 & 38 in. wide × 38 in high × 14 in. fire

Fine Cast and Blacked, with two color Tiles	£1	3	0
Ditto ditto Ground and Berlin Blacked	1	7	6
Colored Tiles and Strips as drawn, extra ..	0	3	0
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	0	18	3
Ground and Berlin Blacked . ..	1	2	6

C 3182

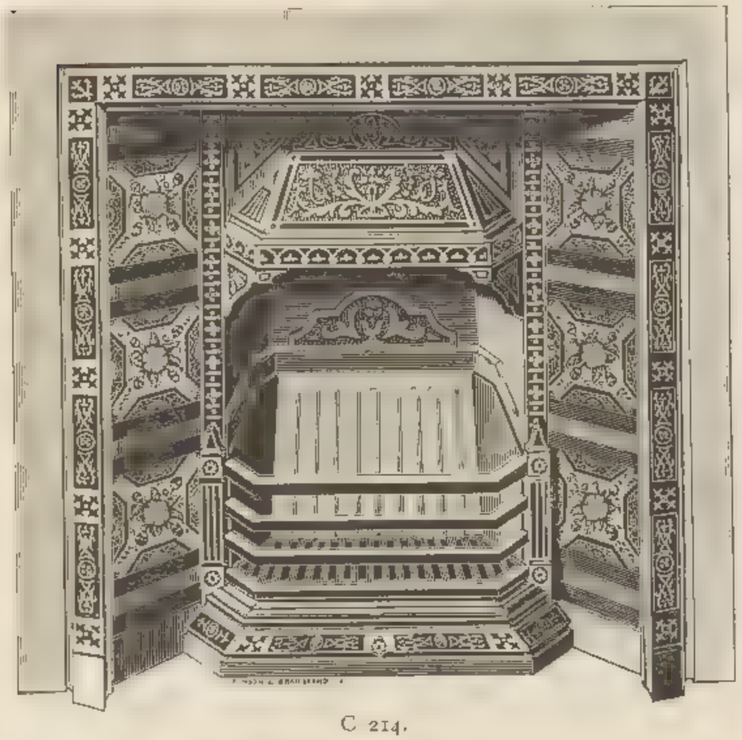
C 212



C 213

All above sent with Grating Bottoms

REGISTER GRATES WITH TILE PANELS.



C 214.

C 214.—With Grating Bottom and Ashes Guard Colored Tiles and Strips.

Sizes — 32 & 34 in. wide × 36 in. high × 14 in. fire
36, 38 & 40 ,, 38 ,, 17

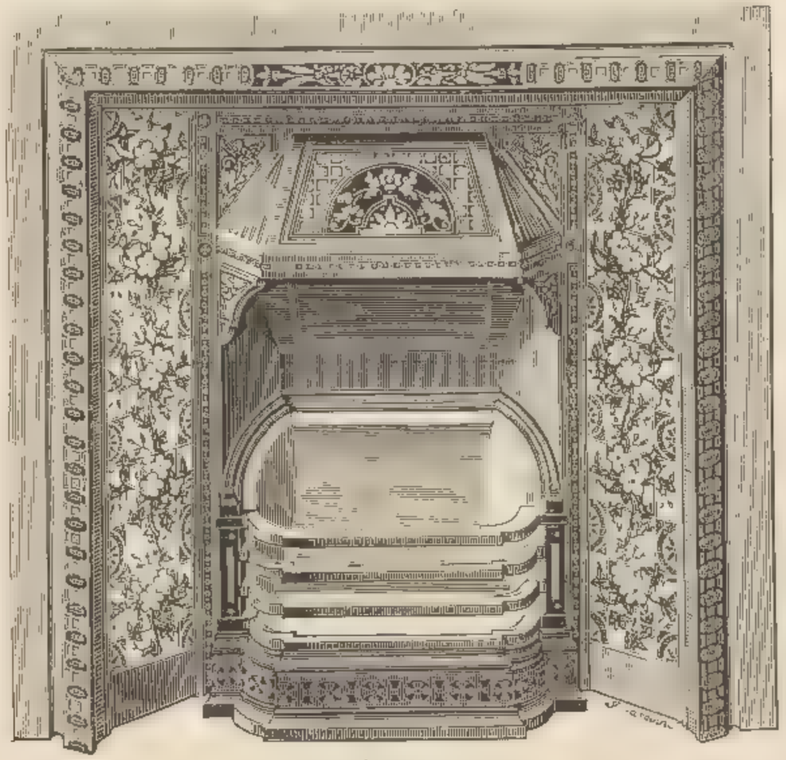
Fine Cast and Blacked	25 6
Ground and Berlin Blacked	30/-
If Grate only for Tiles, but no Tiles, Fine Cast and Blacked .. .	19 6
Ground and Berlin Blacked	24 -

C 3183.—With Grating Bottom and Ashes Guard, Colored Tiles and Strips

Sizes 36 in. & 38 in. wide × 38 in high × 17 in fire

Ground and Berlin Blacked	36/-
Ditto, Better Finished	41,6
Grate only for Tiles, but no Tiles, Ground and Berlin Blacked	28/
Ditto, Better Finished	33 6

C 3183



C 215.

C 215 Grating Bottom and Ashes Guard, or Slow Combustion.

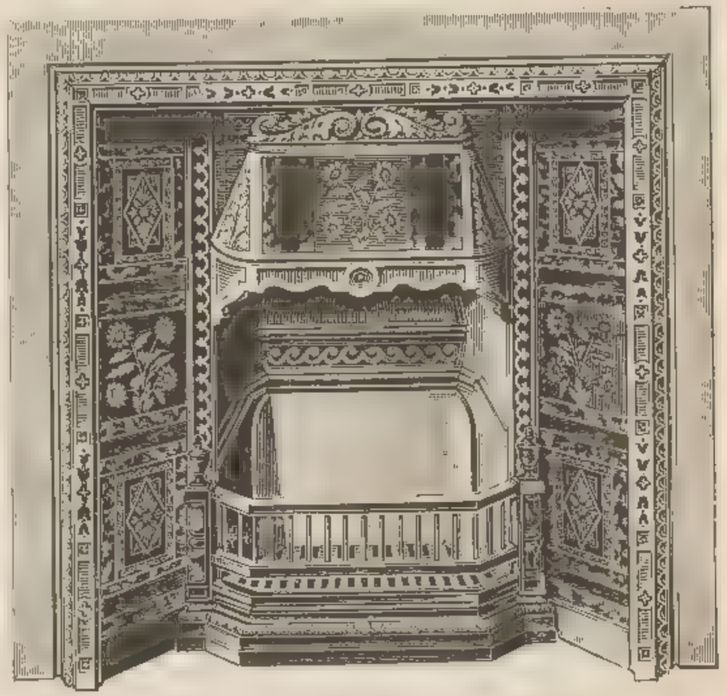
Sizes – 30 in & 32 in wide × 36 in. high × 14 in. fire.
34 ,, 36 ,, 16 ,,
36 ,, 38 ,, 16 ,,
38 in. & 40 in. wide × 38 in high × 18 in fire

Ground and Berlin Blacked	36 6 each.
Do., Better Finished, Enamelled & Gilt	42 6 ,,

C 3184. Grating Bottom and Ashes Guard Colored Tiles and Strips.

Sizes—36 in. & 38 in. wide × 38 in. high × 18 in. fire

Ground and Berlin Blacked .	40/
Do., Better Finished	17 6



C 3184.

All above sent with Grating Bottoms unless ordered with Brick Bottoms.

Register Grates with Tile Panels and Adjustable Canopies.

C 3185.—Improved Brick Back, Adjustable Canopy Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes 36 in. to 40 in. wide × 38 in. high 16 in fire

Fine Cast and Blacked	... ...	£1 8 9
Ground and Berlin Blacked	... ...	£1 14 6

C 3186 —Brick Back and Sides, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 30 in. and 32 in. wide × 36 in. high × 14 in. fire
34 in. to 38 in. „ × 38 in. „ × 16 in. „

Fine Cast and Blacked	..	£1 5 9
Ground and Berlin Blacked	..	£1 10 0

C 3186

C 3187

C 3187 Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes 32 in and 34 in wide × 36 in high × 16 in fire
36 in to 40 in „ × 38 in. „ × 18 in „

Fine Cast and Blacked...	... ...	£1 10 0
Ground and Berlin Blacked	... ...	£1 18 6

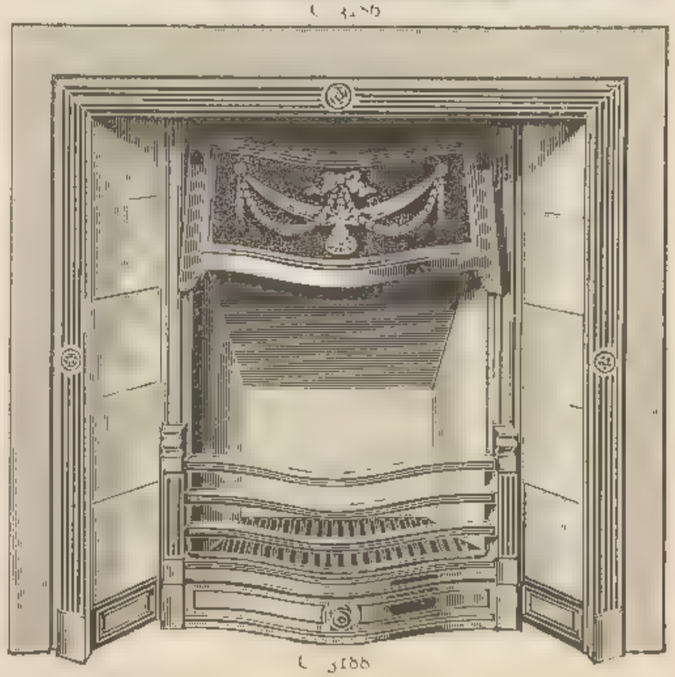
C 3188 Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard Plain Enamelled Tiles

Sizes 36 in. and 38 in wide × 38 in. high × 18 in fire

Fine Cast and Blacked ..	... ...	£2 0 0
Ground and Berlin Blacked	... ...	£2 5 0

Can be supplied with Ordinary Brick Back and fixed Canopy.

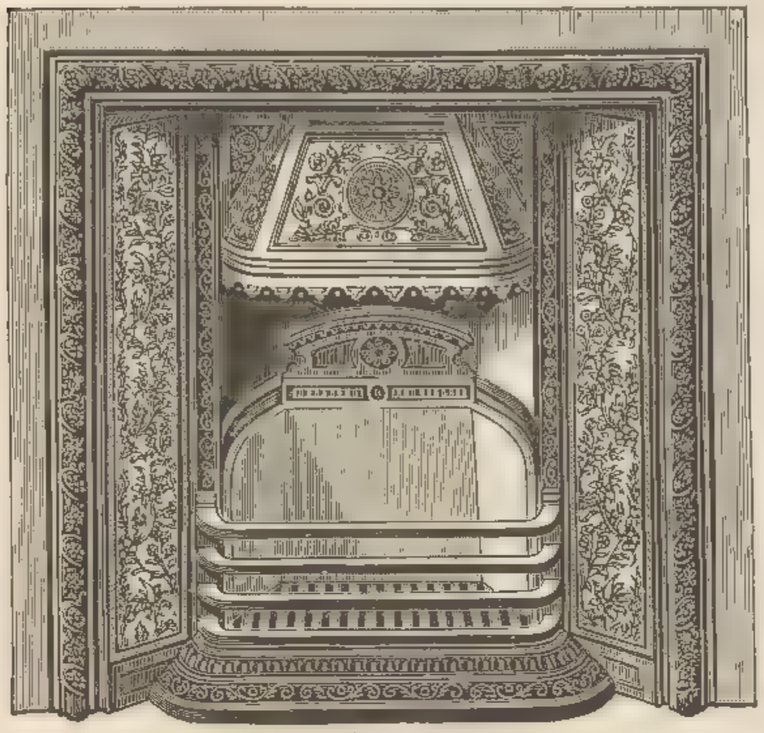
Fine Cast and Blacked	..	£1 13 6
Ground and Berlin Blacked	..	£1 16 9



C 3188

For better quality, see pages 140, etc.

REGISTER GRATES WITH TILE PANELS.



C 219

C 219.—Grating Bottom and Ashes Guard or Slow Combustion, Large Fire, Coloured Tiles.

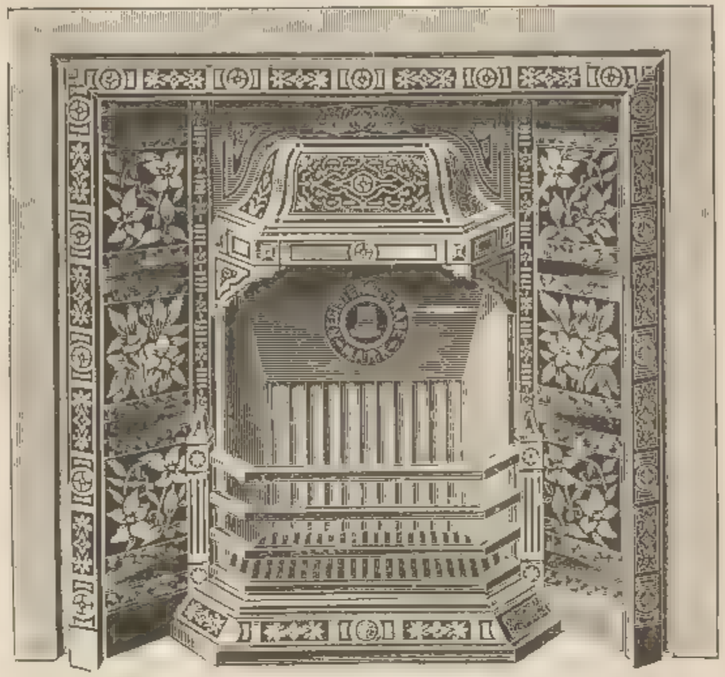
Sizes 30 to 34 in wide × 36 in. high × 14 in. fire
" 36 in. " × 38 in. " × 16 in. "
38 and 40 in. " × 38 in. " × 18 in. "

Ground and Berlin Blacked	£2	8	6
Ditto, with Gold Relief	2	14	0
Ditto, Better Finished	2	17	6

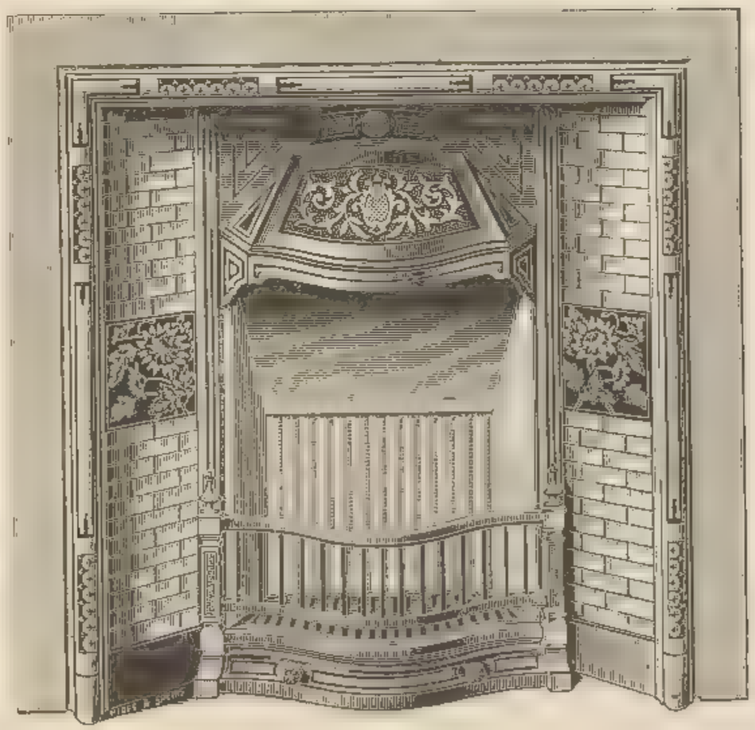
C 3189.—Improved Brick Back, Fixed Canopy, Grating Bottom and Ashes Guard Coloured Tiles and Strips.

Sizes 36 in. to 40 in wide × 38 in. high × 17 in fire

Ground and Berlin Blacked	£2	8	6
Ditto Better Finished	2	12	6



C 3189



C 3190

C 3190.—Improved Brick Back, Lift off Canopy Grating Bottom and Ashes Guard, Coloured Tiles.

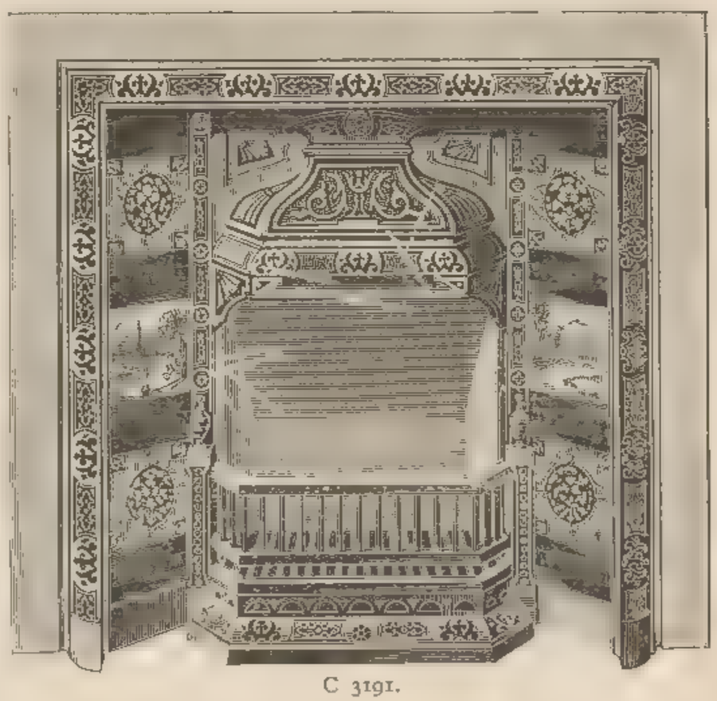
Sizes 36 in. to 40 in. wide × 38 in. high × 17 in fire

Ground and Berlin Blacked	£2	16	6
Ditto, with Electro-Bronzed Canopy	3	9	0

C 3191.—Improved Brick Back, Brass Knobs, Fixed Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in high × 17 in fire

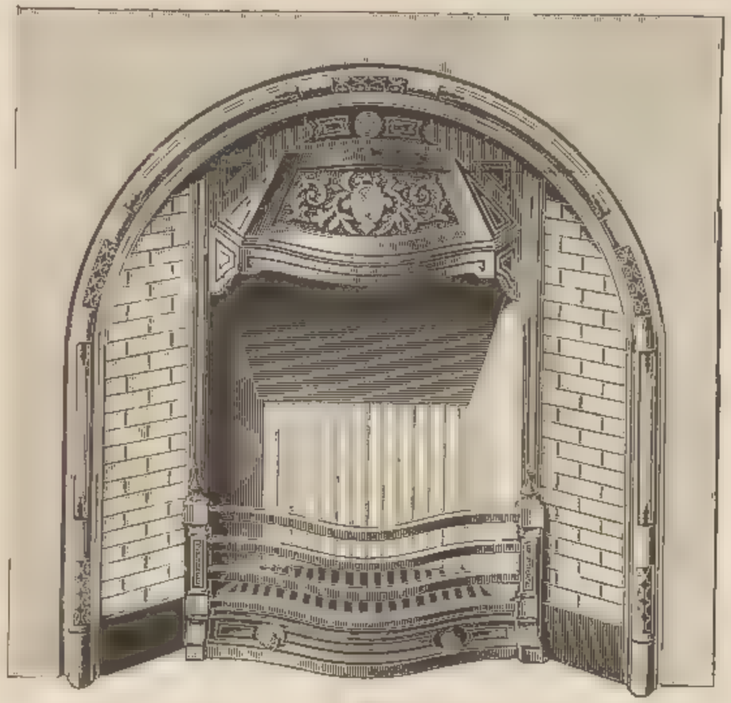
Ground and Berlin Blacked	£3	6	0



C 3191.

All above sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.



C 3192.

C 3192.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire

Ground and Berlin Blacked .. £3 10 0

C 3193.—Projecting Front, Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes 36 in. to 40 in. wide × 38 in. high × 17 in. Fire

Berlin Blacked, Best Finished .. £4 4 0

Ditto Electro Bronzed Canopy 4 12 6

C 3193.

C 230.

C 230. Coloured Tiles, Grating Bottom and Ashes Guard, or slow combustion.

Sizes—from 38 to 40 in. wide × 38 in. high × 17 in. Fire

Berlin Blacked, Best Finish . £4 12 6

C 3194.—Improved Brick Back, Sliding Blower, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high × 18 in. Fire

Ground and Berlin Blacked ... £4 15 0

Ditto Best Finished .. 5 8 6

C 3194.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.

C 224

C 224.—Brick Back and Sides, with Brass Knobs, Grating Bottom and Ashes Guard, Barbotine Tiles and Strips

Sizes—36 in. to 40 in. wide × 38 in high × 17 in. Fire.

Berlin Blacked, Best Finish £3 16 6

If Canopy Electro-bronzed ... 10/ extra.

C 3195

C 3195.—Projecting Front, Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Convex Coloured Tiles and Strips

Sizes—38 in. and 40 in wide × 38 in high × 17 in. Fire.

Berlin Blacked, Best Finished £4 4 0

C 228.

C 228.—Projecting Front, Brick Back, Barbotine Tiles and Strips, Brass Knobs, Grating Bottom and Ashes Guard.

Sizes 36 in. to 40 in wide × 38 in. high × 17 in Fire.

Berlin Blacked, Best Finish £3 12 6

If Canopy Electro-bronzed ... 10/- extra.

C 229

C 229.—Projecting Front, Brick Back, Coloured Tiles and Strips, Grating Bottom and Ashes Guard, or slow combustion.

Sizes—36 in. to 40 in. wide × 38 in high × 17 in. Fire.

Fine Cast	£[illegible]	[illegible]
Ground and Berlin Blacked	[illegible] 13	6
Ditto, Enamelled and Gold ...	5	0
Better Finish, Berlin Blacked	3 3	0

If with Tiles all round and Vertical Bars, 7 6 extra.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.

C 3196

C 3196.—Improved Brick Back, Brass Knobs Lift off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Ground and Berlin Blacked .. £3 7 6

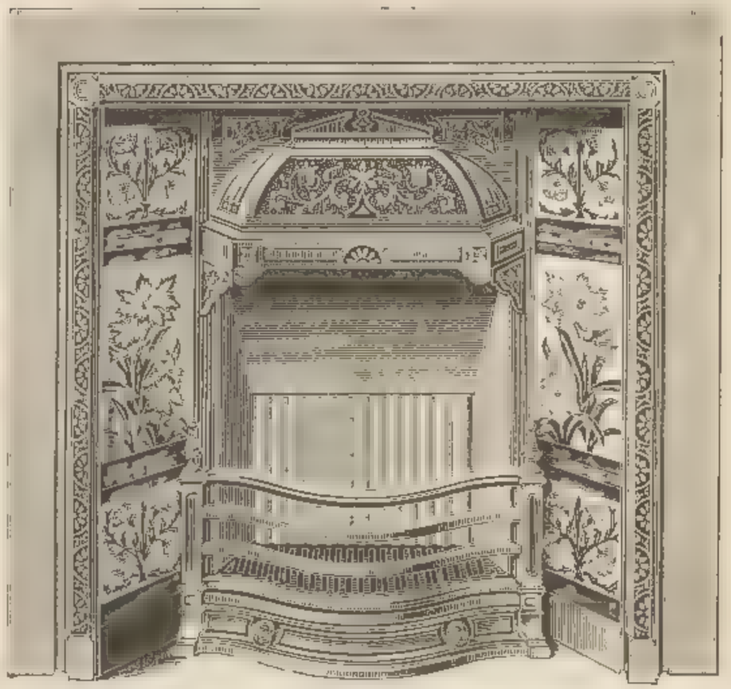
If with Electro-bronzed Canopy, 13/3 extra.

C 3197.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finish, with Brass Moulding £4 12 6

If with Electro-bronzed Canopy ... 11/3 extra.



C 3197

C 231. Improved Brick Back, Brass Knobs 8 in. Coloured Tiles and Strips, Grating Bottom and Ashes Guard.

Sizes—38 in. and 40 in. wide × 38 in. high × 18 in. Fire.

Berlin Blacked, Best Finish .. £4 12 6

Ditto, with Bronzed Canopy 5 10 0

C 3198.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard Coloured Tiles.

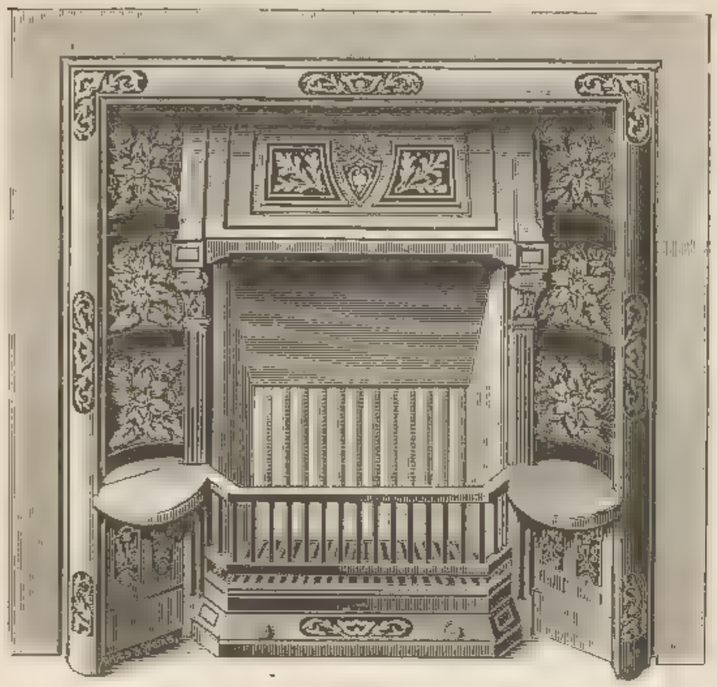
Sizes 38 in. and 40 in. wide × 38 in. high × 18 in. Fire.

Berlin Blacked, Best Finish, with Bronzed Moulding, Canopy, and Ashes Guard £8 7 6

C 3198.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH HOBS AND TILE PANELS.



C 3199.

C 3199. Improved Brick Back, Lift off Canopy, Grating Bottom and Ashes Guard, colored Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire

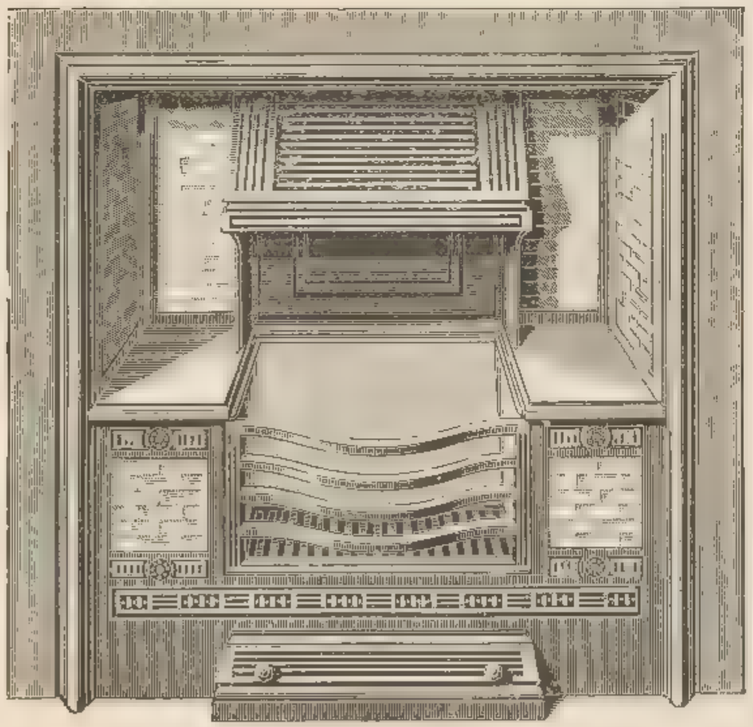
Ground and Berlin Blacked	£3	10	0
If with Electro Bronzed Canopy, extra	0	13	3

C 3200. Brick Back and Sides, Adjustable Canopy, colored Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 16 in. fire.

Ground and Berlin Blacked	£3	10	0
If with Electro Bronzed Canopy, extra	0	11	9
Ashes Tray, with Berlin Blacked Front, to suit above	0	5	0

C 3200



C 3201

C 3201. Brick Back and Sides, Lift off Canopy, Ashes Guard with Tray, colored Tiles.

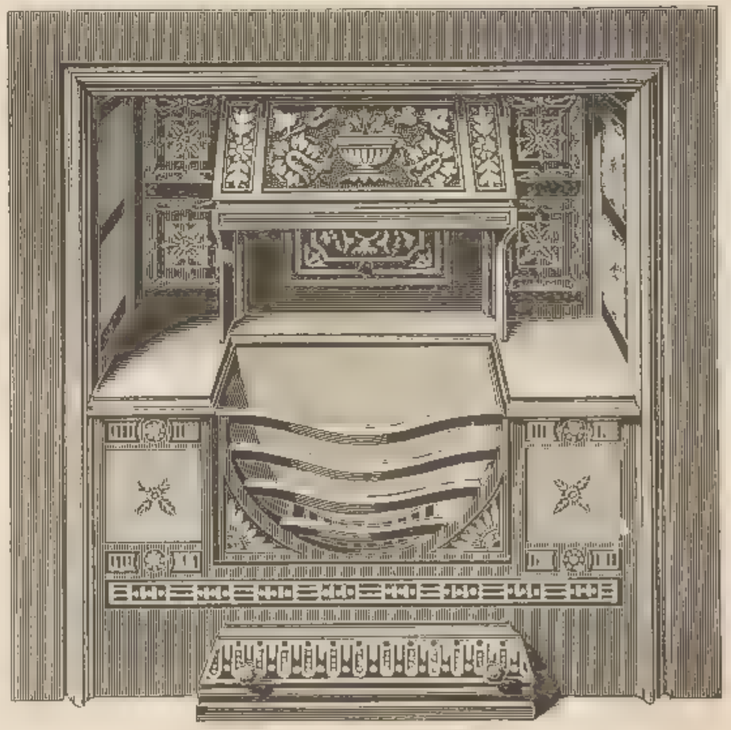
Sizes—36 in. to 40 in. wide × 38 in. high × 15 in. fire

Ground and Berlin Blacked	£3	15	0

C 3202. Brick Back and Sides, Lift off Canopy, Ashes Guard with Tray, colored Tiles.

Sizes—36 in. to 40 in. wide × 38 in. high × 15 in. fire

Ground and Berlin Blacked	£3	15	0



C 3202

Further designs sent on receipt of requirements.

Register Grates with Tile Panels and Adjustable Canopies.

3203.

C 3203. Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, colored Tiles and Strips.

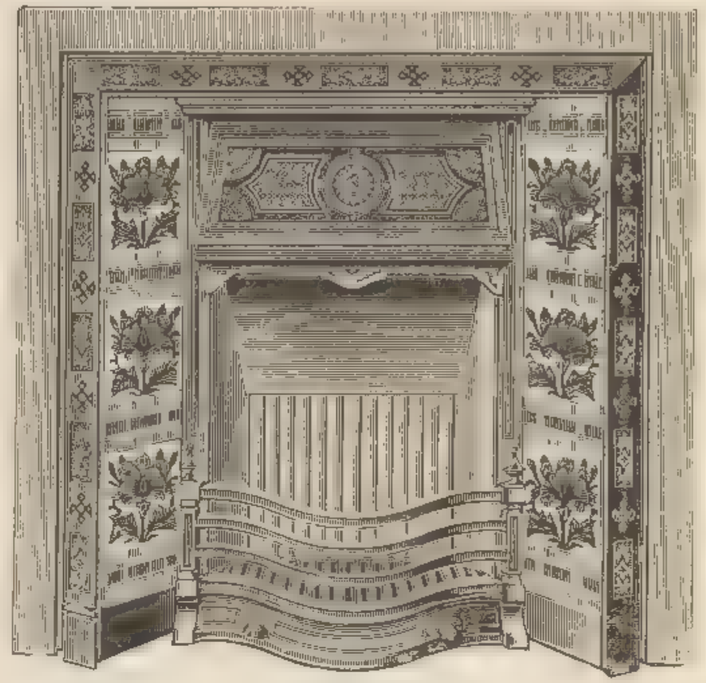
Sizes—36 in to 40 in wide × 38 in high × 18 in. fire

Ground and Berlin Blacked	£2	0	0
Ditto better finished	2	5	0
If with Vertical Bars, extra	0	1	8

C 3204 Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, colored Tiles and Strips.

Sizes 36 in. to 40 in wide × 38 in. high × 17 in fire

Ground and Berlin Blacked	£2	12	0
If with Electro Bronzed Canopy, extra	0	10	0



C 3204

C 3205

C 3205. Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, colored Tiles.

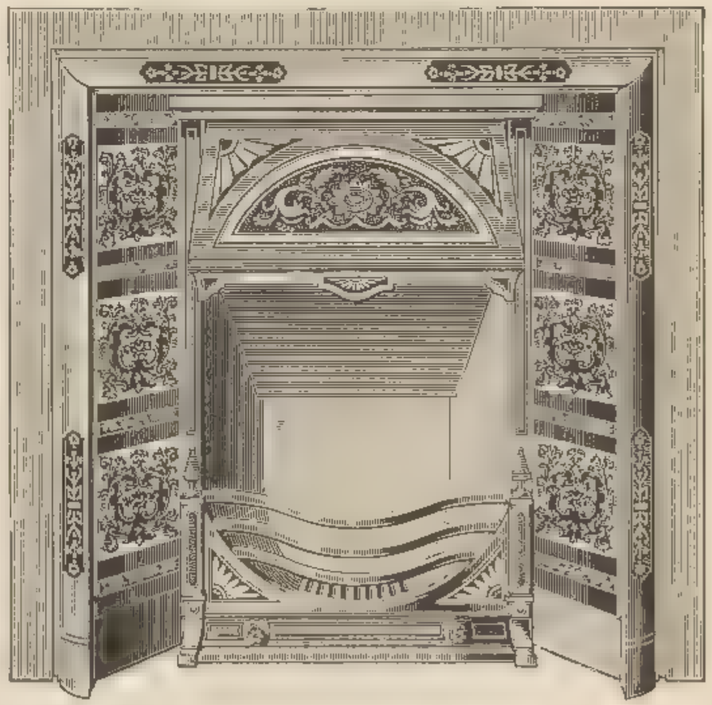
Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire

Ground and Berlin Blacked	£3	0	0
If with Electro Bronzed Canopy, extra	0	11	9

C 3206. Improved Brick Back and Sides, with Lift out Bottom Grating, Adjustable Canopy and Ashes Guard, colored Tiles and Strips.

Sizes— 36 in. to 40 in. wide × 38 in high × 17 in fire

Ground and Berlin Blacked	£3	0	0
If with Electro Bronzed Canopy extra	0	11	9



C 3206

For cheaper patterns with Adjustable Canopies, see page 134.

REGISTER GRATES WITH TILE PANELS.

C 3207

C 3207. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Colored Tiles

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire

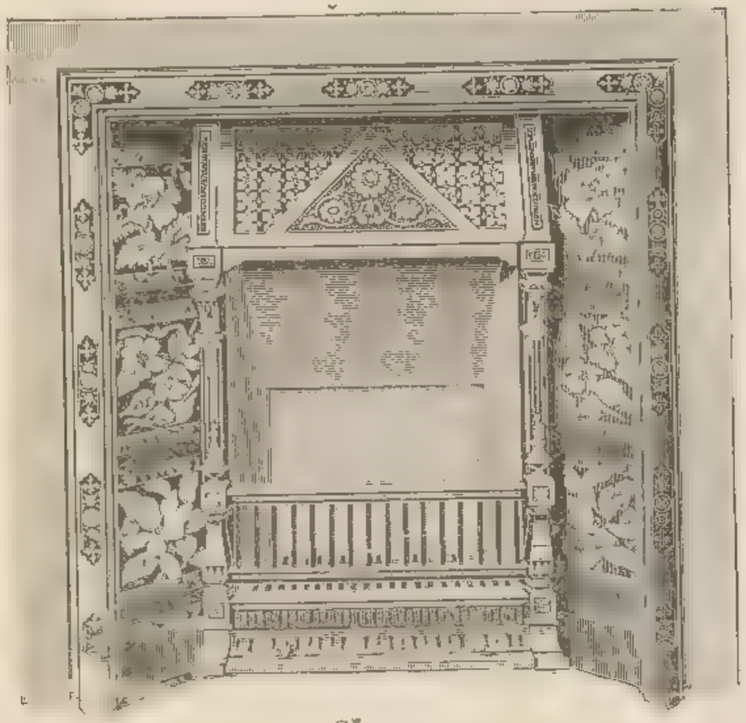
Ground and Berlin Blacked ... each £3 0 0
If Electro-Bronzed Canopy, extra „ 0 15 0

C 3208. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Colored Tiles and Strips.

Sizes—36 in to 40 in wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked .. each £3 5 0
If Electro Bronzed Canopy, extra „ 0 15 0

C 3208



C 3209

C 3209. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Colored Tiles and Strips.

Sizes—36 in. to 40 in wide × 38 in high × 17 in. fire

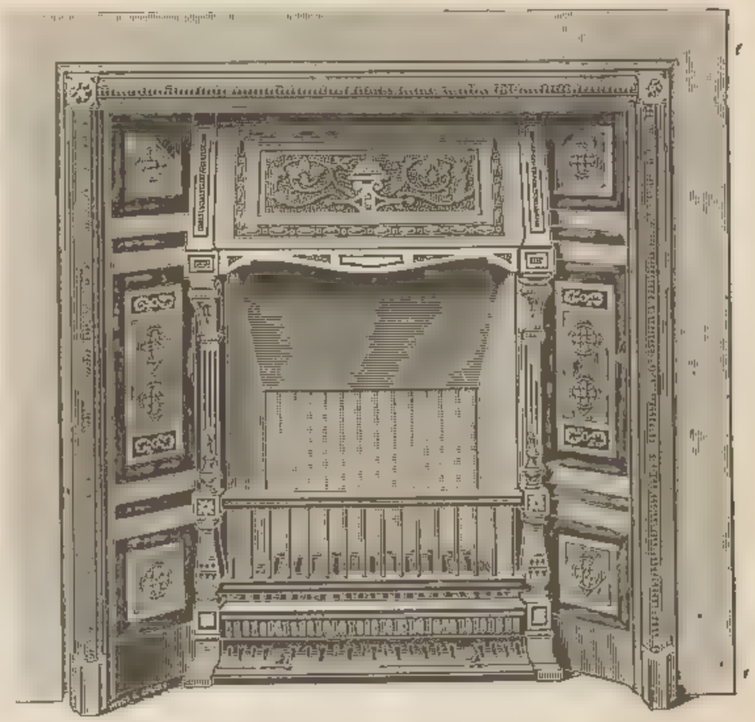
Berlin Blacked, Best Finished . each £3 12 0
If Electro-Bronzed Canopy, extra „ 0 12 6

C 3210 Improved Brick Back, Lift-off Canopy, Brass Moulding and Knobs, Grating Bottom and Ashes Guard, Colored Tiles and Strips

Sizes—38 in and 40 in wide × 38 in. high × 17 in. fire.

Berlin Blacked, Best Finished ... each £6 6 0
If Electro-Bronzed Canopy, extra „ 0 15 0

In this pattern Tile Panels are made so as to lift out and admit of Tiles being changed after the Grate is fixed



C 3210

Above Grates are fitted with Valve regulating from Canopy. Fire Bricks can be renewed without disturbing the setting of the Grate

REGISTER GRATES WITH TILE PANELS.

C 3211.

C 3211 —Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes— 36 in wide × 38 in. high × 16 in. fire.
38 in. and 40 in „ × 38 in. „ × 18 in „

Ground and Berlin Blacked ... each £3 7 6
Ditto Better Finish ... „ 3 15 6

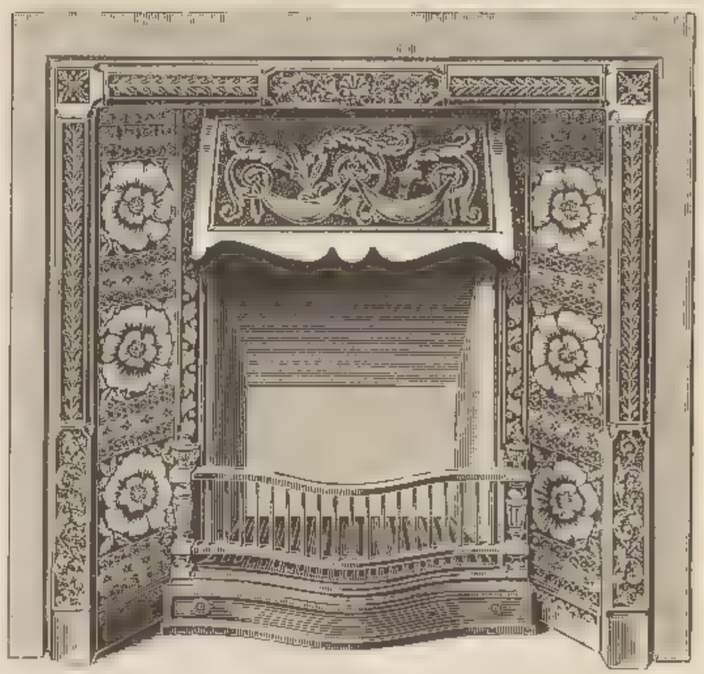
If Electro-bronzed Canopy . 12/6 extra.

C 3212. Improved Brick Back Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

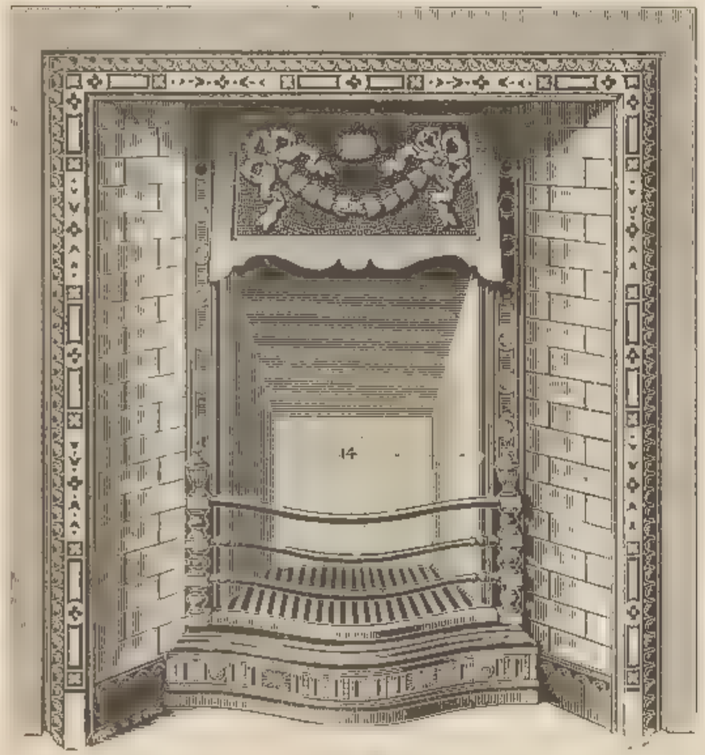
Sizes— 36 in. wide 38 in high × 16 in fire
38 in and 40 in „ × 38 in „ × 18 in. „

Ground and Berlin Blacked .. each £3 0 0
Ditto Better Finish .. „ 3 8 6

If Electro bronzed Panel in Canopy, 8/6 extra.



C 3212



C 3213

C 3213 -Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles

Sizes 30 in and 32 in wide × 36 in high × 14 in fire.

Ground and Berlin Blacked ... each £2 14 0
Ditto Better Finish ... „ 3 2 6

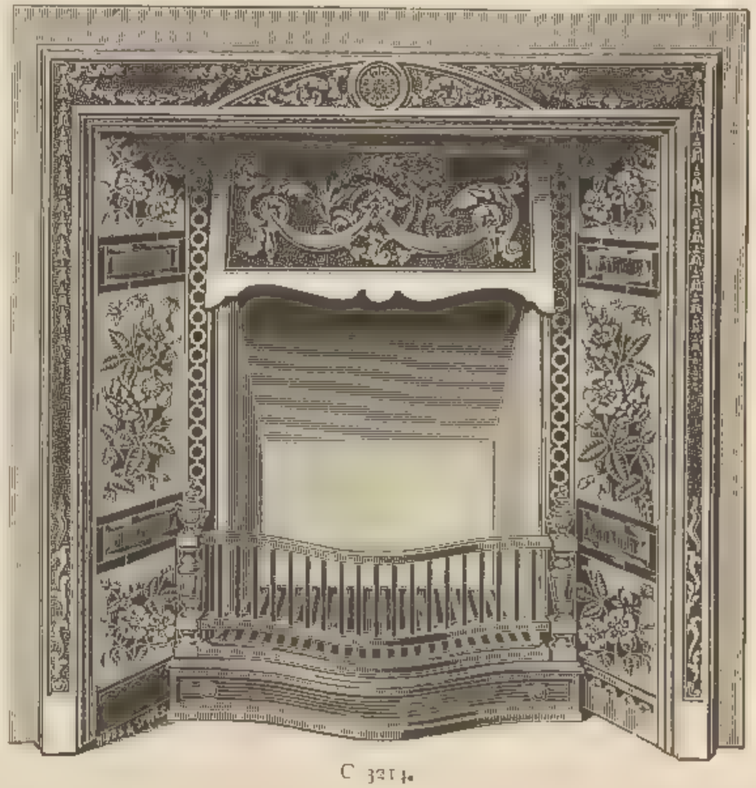
If Electro bronzed Panel in Canopy, 8/6 extra.

C 3214.—Improved Brick Back, Adjustable Canopy Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes—38 in and 40 in. wide × 38 in high × 18 in fire.

Ground and Berlin Blacked .. each £3 15 0
Ditto Better Finish .. „ 4 4 0

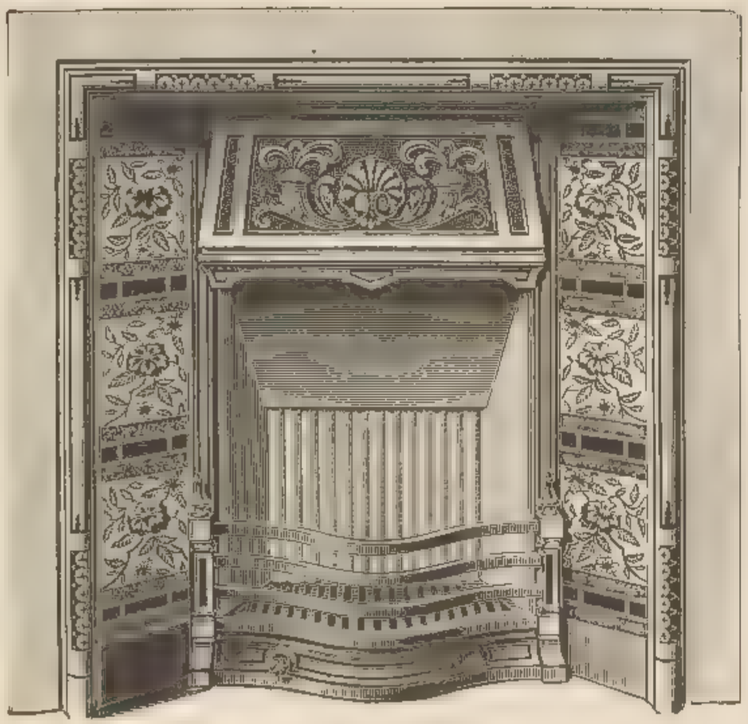
If Electro-bronzed Front Moulding and Electro-bronzed Panel in Canopy ... 25/- extra.



C 3214.

The Fire Bricks in the above grates can be renewed without disturbing the setting of the grate.

REGISTER GRATES WITH TILE PANELS.



C 3215

C 3215 — Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes 36 in to 40 in wide × 38 in. high × 17 in fire.

Ground and Berlin Blacked .. £3 0 0

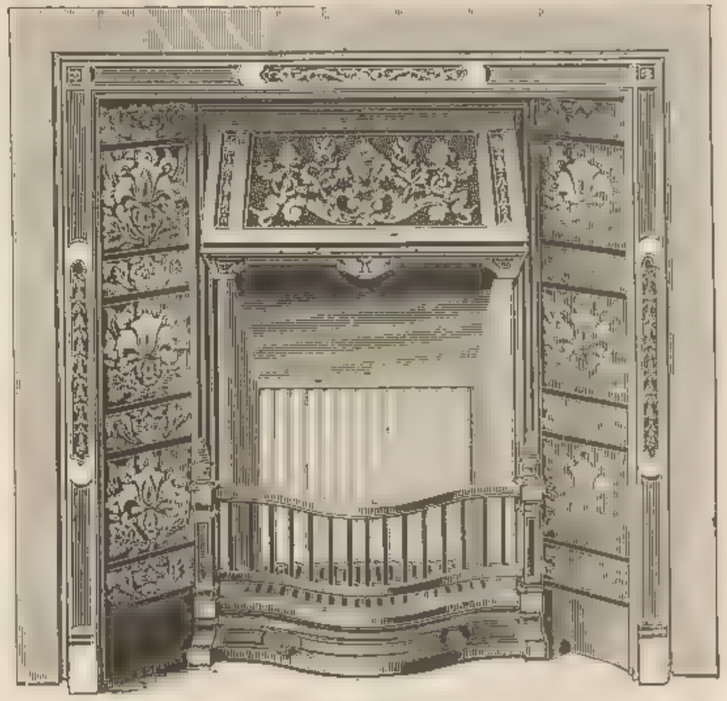
If Electro-bronzed Canopy, 11 9 extra

C 3216 Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes 36 in. to 40 in wide × 38 in. high × 17 in fire

Ground and Berlin Blacked . £3 12 6

If Electro bronzed Canopy, 11/9 extra.



C 3216.

C 3217.

C 3217 — Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips

Sizes 36 in to 40 in. wide × 38 in. high × 18 in fire.

Berlin Blacked, Best Finish ... £4 17 6

If Electro-bronzed Front Moulding, Electro-bronzed Panel in Canopy, Electro-bronzed Ashes Guard

30/ extra.

C 3218. Improved Brick Back, Adjust- Canopy, Brass Moulding and Knobs Electro bronzed Panel in Canopy, Grating Bottom and Ashes Guard, Colored Tiles and Strips.

Sizes 38 in and 40 in. wide × 38 in. high × 18 in. fire.

Berlin Blacked, Best Finish . £5 17 6

C 3218

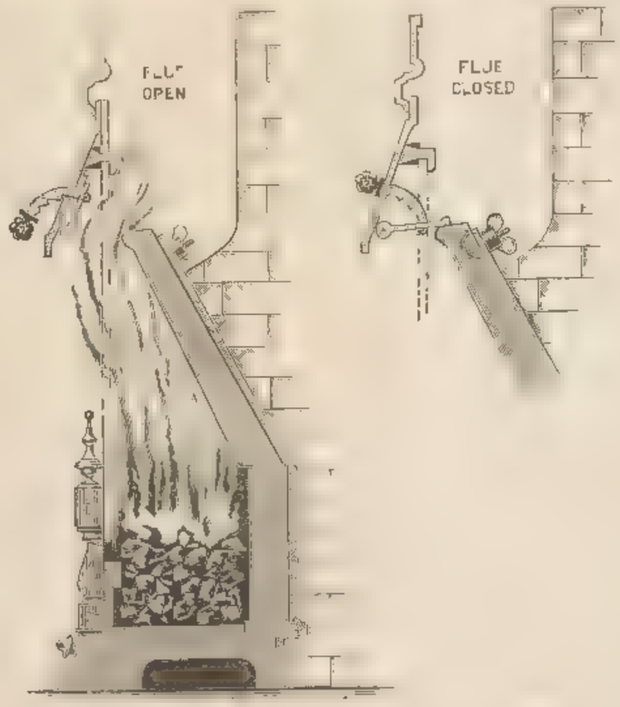
The Fire Bricks in the above grates can be reversed without disturbing the setting of the grate.

PATENT "LIFT-OFF CANOPY" INTERIORS.

C 3230

C 3230 —Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in fire
24 in. „ 26 in. „ × 38 in. „ × 17 in
Ground and Berlin Blacked ... ... £2 1 6 each.
If Electro Bronzed Canopy ... 15/- extra.

C 3231 —Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard
Sizes—20 in and 22 in wide × 38 in high × 15 in fire.
24 in. „ 26 in. „ × 38 in. „ × 17 in.
Ground and Berlin Blacked, with Electro Bronzed Canopy, Best Finish .. £3 1 6 each.
If with Berlin Blacked Canopy ... ... 15/ less.



C 3231

C 1023

C 1023 —Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in and 22 in. wide × 38 in high × 15 in fire.
24 in „ 26 in. „ × 38 in. „ × 17 in.
Ground and Berlin Blacked .. £ 1 each
If with Electro-Bronzed Canopy ... ... 15/ extra.

C 1024. —Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in high × 15 in. fire
24 in. „ 26 in „ × 38 in. „ × 17 in. „
Ground and Berlin Blacked, with Electro-Bronzed Canopy, Best Finish £3 1 0 each.
If with Berlin Blacked Canopy ... ... 15/ less.

C 102

Above Grates are fitted with Valve, regulating from Canopy. Fire Bricks can be renewed without disturbing the grate.

PRICES OF

Enamelled Tiles for Fireplaces.

These can be fitted at proportionate prices in any of our Grates which are prepared for 6″ Tiles.

No. G 1,	Enamelled	...	...	6″ × 6″	6/- per dozen.
,, G 2,	,,	...	..	,,	6/- ,,
,, G 3,	Printed and Glazed		...	,,	5/- ,,
,, G 4,	,,	,,	...	,,	5/- ,,
,, G 5,	,,	.		,,	5/- ,,
,, G 6,	,,	,,	..	,,	5/- ,,
,, G 7,	Enamelled		..	,,	6/- ,,
,, G 8,	,,	...	...	,,	6/- ,,
,, G 9,	Embossed & Enamelled,			30″ × 6″	5/9 per pair.
,, G 10,	,,	,,		,,	7/6 ,,
,, G 11,	,,	,,		,,	6/9 ,,
,, G 12,	,,	,,		,,	8/6 ,,
,, G 13,	,,	,,		,,	6/6 ,,
,, G 14,	,,	,,		,,	6/- ,,
,, G 15,	,,	,,		,,	6/- ,,
,, G 16,	,,	,,		,,	5/9 ,,
,, G 17,	Enamelled	...	...	6″ × 6″	7/- per dozen.
,, G 18,	,,	...	...	,,	7/- ,,
,, G 19,	,,	..	.	,,	8/6 ,,
,, G 20,	,,	..	...	,,	7/6 ,,
,, G 21,	,,	...	...	,,	8/6 ,,
,, G 22,	,,	...	...	,,	7/6 ,,
,, G 23,	,,	...	...	,,	8/6 ,,
,, G 24,	,,	...	..	,,	8/6 ,,

Most of the above Tiles can be supplied in a variety of other Colours, but are only kept in Stock as illustrated.

5137 97

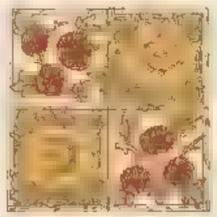
ENAMELLED TILES FOR FIREPLACES.

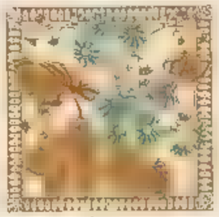
6x6

G 1

G 2

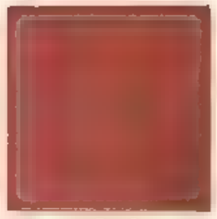
G 3


G 4


G 5

G 6

G 7


G 8

30x6

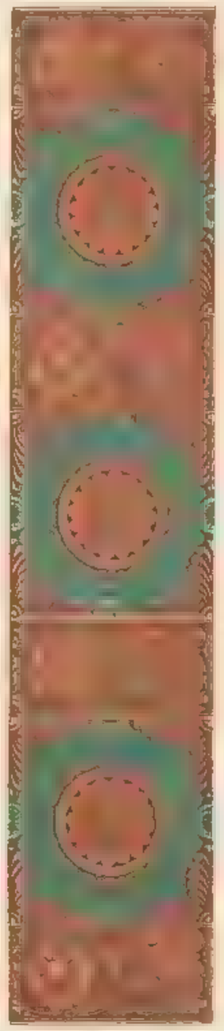
G 9

G 10

G 11

G 12

G 13


G 14

G 15

G 16

6x6

G 17

G 18

G 19

G 20

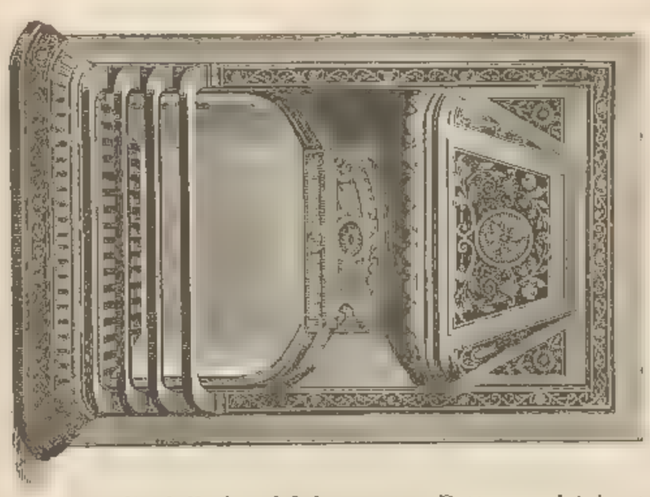
G 21

G 22

G 23

G 24

ALLBUT & DANIEL, LITHOS, HANLEY.

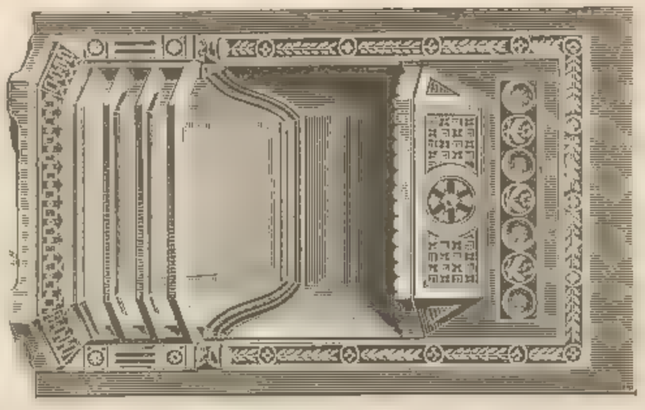


C 3234. Brick Back and Sides, Grating Bottom, and Ashes Guard

Sizes 20 in 22 in. 24 in. wide × 38 in. high
Fires 14 in 16 in 18 in wide

Fine Cast and Blacked, 25/- each. Ground and Berlin Blacked, 27/- each
better finished 35/- each

Electro bronzed Canopy 12/- extra



C 280.—Brick Back, with Ashes Guard

Sizes 18 in 20 in 22 in. 24 in. wide × 36 in. or 38 in. high.
Fires— 14 in. 14 in. 16 in 18 in. wide.

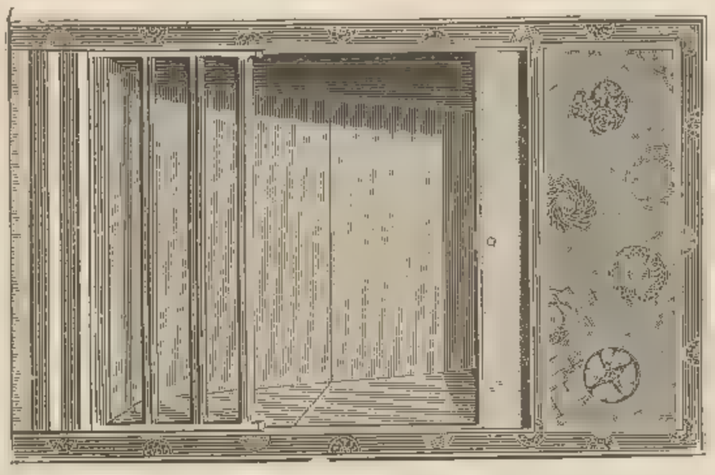
Fine Cast and Blacked, 19/- each, Ground and Berlin Blacked, 21/- each
better finished, 25/- each.

Also supplied with Grated Bottom and Fret same price

T 283 - Fine Cast and Blacked with Sliding Blower Brick Back and Sides to height of fire bars.

Sizes—21 in. 24 in. 27 in 30 in 33 in. 36 in 39 in wide × 36 in. high.
Fires 15 15 or 18 18 or 21 15 or 21 15 or 18 15, 18 or 21 21 in. wide.
31/ 32/6 34/ 37/6 42/6 45/ 47/6 each

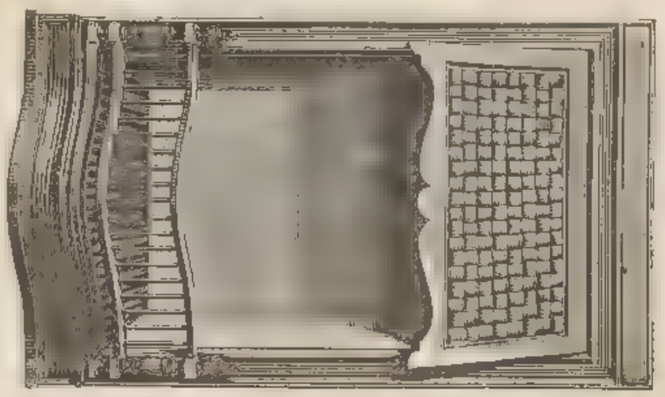
If without Blower, 5/- each less. If 38 in. high, 2/6 extra



T 282.—Fine Cast and Blacked, with Sliding Blower, Fire Brick Back and sides to height of fire bars

Sizes—16 in. 18 in. 21 in. 24 in wide × 36 in. high
Fires 13 in. 15 in 18 in. 21 in wide
27/6 30/ 32/6 35/- each.

If without Blower, 5/- each less

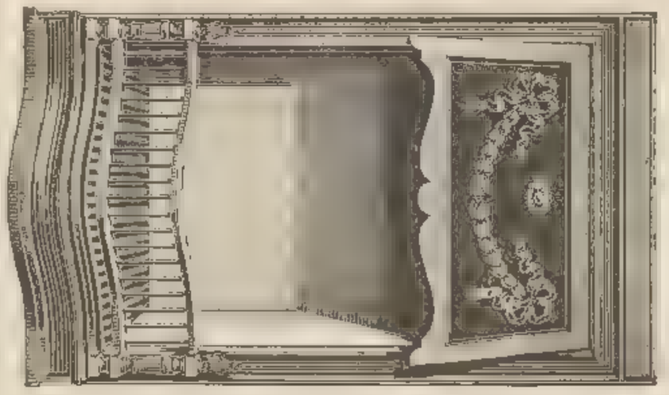


C 3236. Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom, and Ashes Guard.

Sizes 18 in 20 in 22 in 24 in. wide × 36 in. or 38 in. high
Fires 14 in 14 in 16 in 18 in wide

Fine Cast and Blacked, 35/ each, Ground and Berlin Blacked, 40/- each,
better finished 47/6 each

Electro-bronzed Panel in Canopy, 6/9 extra.



C 3235 – Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom, and Ashes Guard

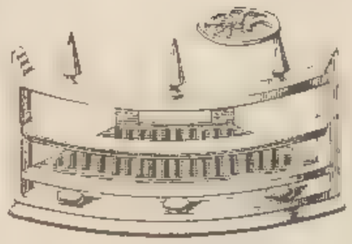
Sizes 18 in 20 in 22 in 24 in wide × 36 in. or 38 in. high.
Fires 14 in 14 in 16 in 18 in wide.

Fine Cast and Blacked, 35/ each; Ground and Berlin Blacked, 40/ each;
better finished 47/6 each

Electro-bronzed Panel in Canopy, 6/9 extra

Further details will be sent on receipt of requirements.

LEAMINGTON BARS AND DOG STOVES.

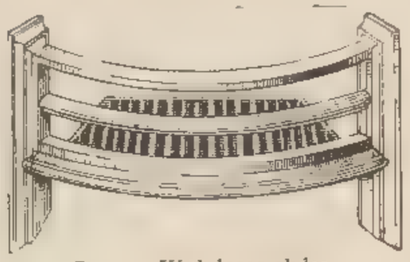


C 290.—Fine Cast, with swing trivet.

Sizes—	16	18	20	22	24 in over all.
	8/0	9 6	10/	10/6	11 6 each.

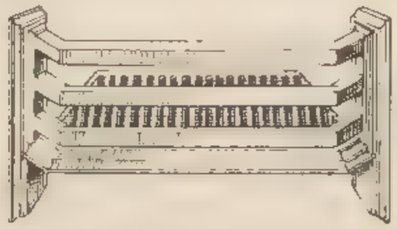
C 291.—Fine Cast, Gothic bars.

Sizes—	18	19	22	24 in over all
	6/6	7/6	10/-	11/- each.



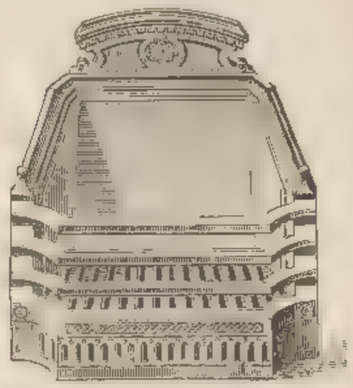
C 292.—With loose slides.

Sizes	13	14	16	18	20	22	24 in in clear.
Fine Cast ..	9/6	9/6	9/6	11/-	11/-	15/-	15/- set.
Ground & Berlin Blacked	16/	16/-	16/	18/6	18/6	22/6	22/6 ,,

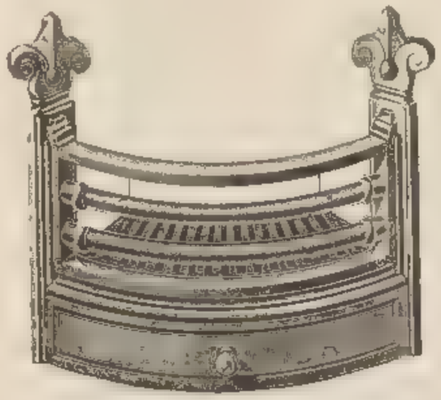


C 293. With loose slides.

Sizes—	14	16	18	20 in. in clear.
Fine Cast ...	9/6	9/6	11/-	11/- set
Ground & Berlin Blacked ..	16/-	16/-	18/6	18/6 ,,



C [illegible] Ground and Berlin Blacked... [illegible]/6 each.
Fire, [illegible] in wide; height of stove, [illegible] in.

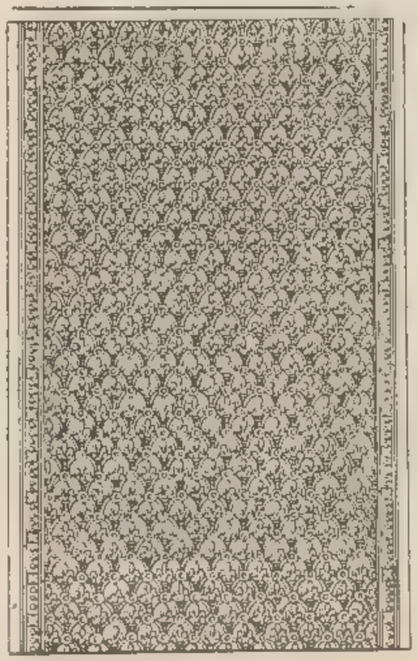


C 3237. With Loose Slides and Ashes Guard.

	Sizes—	18	20	22	24 in in clear.
Fine Cast ...		17/6	17/6	21/-	24 per set.
Ground & Berlin Blacked ..		27/6	27/6	32/6	36 ,,

C 3238 Ground and Berlin Blacked, Brass Knobs and Ashes Guard ... 52/- ea
Fire 18 in wide; height over all, 26 in

C [illegible] Ground and Berlin Blacked, Brass Knobs on dogs and bars ... ... 60/ each.
If with Brass Pillars, as C 305 .. ... 18/6 extra.
Size of fire, 16 in., width over all, 36 in., height over all, 24½ in.
C 297.—Stove only, without dogs ... ... 47/6 each.



C 2[illegible]5.—Dog Stove Back, Ground and Berlin Blacked.

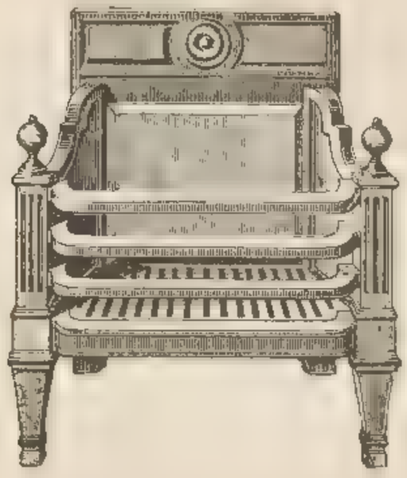
Sizes	24	27	30 in. wide × 38 in. high
	27/6	31/	33/6 each.

C 299.—Ground and Berlin Blacked, Brass Knobs on dogs and bars

	Wide. High.	Wide. High	Wide High
Sizes—	33 × 26 in.	35 × 26 in.	37 × 26 in.
Fire—	16 in.	18 in.	20 in.
	105/-	107/6	110 -

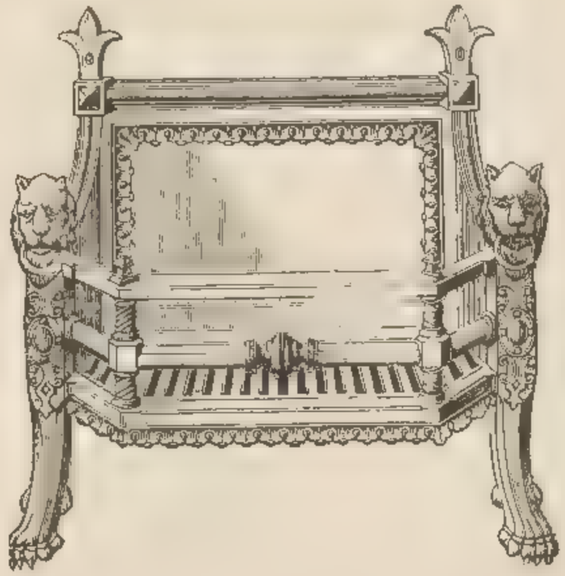
Further details will be sent on receipt of requirements.

DOG STOVES.



C 302.—Ground and Berlin Blacked, Brass Knobs

	Wide. High.	Wide. High	Wide. High.
Sizes	19½ × 22 in.	21½ × 22 in.	23½ × 22 in.
Fire	17 in.	18 in.	20 in wide.
	62/6	64/6	66/6 each.

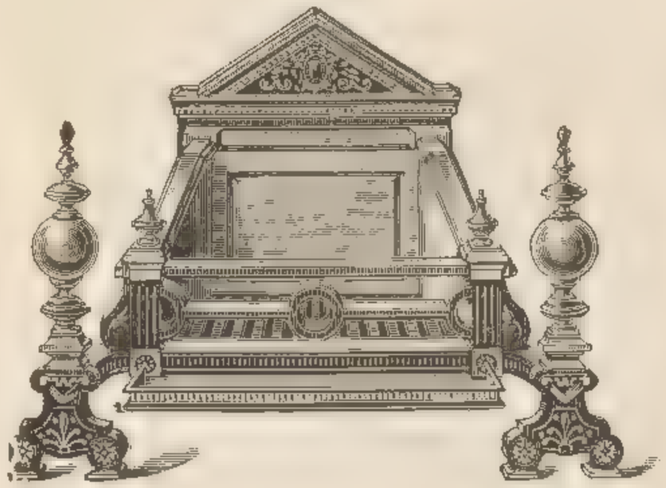


C 303.—Fine Cast and Blacked, Brass rings

Sizes	24	27	30	33	36 × 31 in. high over all
Fire	18	21	24	27	30 in. wide.
	57/6	62/6	72/6	82/6	90/ each.

C 3239. Ground and Berlin Blacked, with Brass Knobs, Best Finish ... £4 3 6 each.

Fire 17 in wide, Height of Stove 25 in., Extreme Width 23 in



C 305.—Ground and Berlin Blacked, with Brass Pillars on Black Bases, Brass Knobs on Bars, 105/- each; Best Finished, 110/- each

Sizes 34 in. wide × 29 in high over all, with 16 in. fire.
38 ,, 29 ,, ,, 20 ,,

Brass Front Ashes Drawer, 21/- each extra.

C 306. Ground and Berlin Blacked, 35/- each.

Size 21 in wide × 26 in. high, with 18 in. fire.

C 3240.—Ground and Berlin Blacked with Cast Brass D[illegible] Pillars and Mounts, Best Finish.

Sizes	37 in.	39 in.	43 in. wide × 33 in. high over all
Fire	18 in.	20 in.	24 in wide.
	£9 3 6	£9 12 6	£10 0 0 each

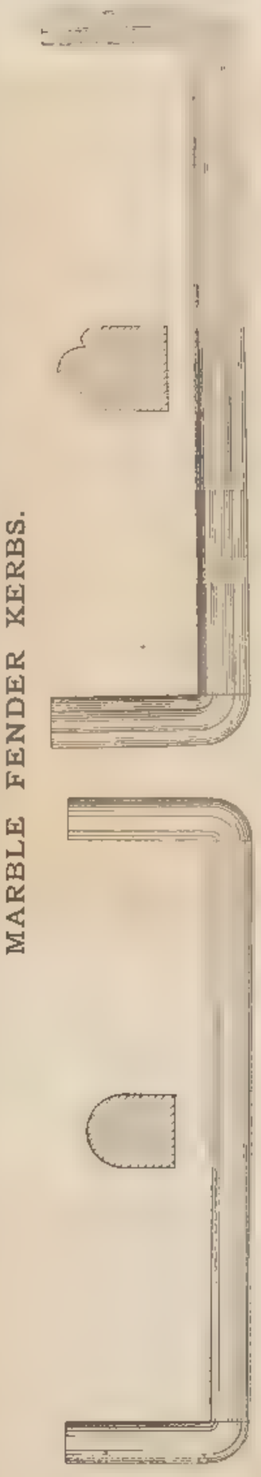
C 304.—Stove only, without Dogs

Sizes	24½ in.	26½ in.	30½ in. wide × 33 in. high over all.
Fire	18 in.	20 in	24 in. wide
	£5 0 0	£5 8 6	£5 16 6 each

Further details will be sent on receipt of requirements.

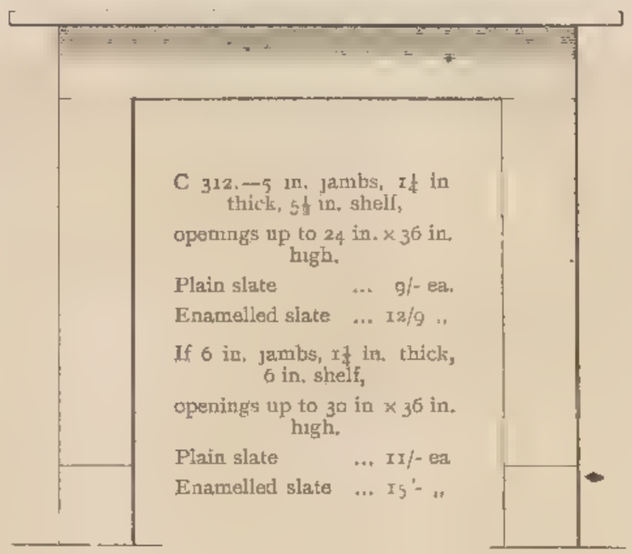
SLATE AND MARBLE CHIMNEY PIECES.

MARBLE FENDER KERBS.

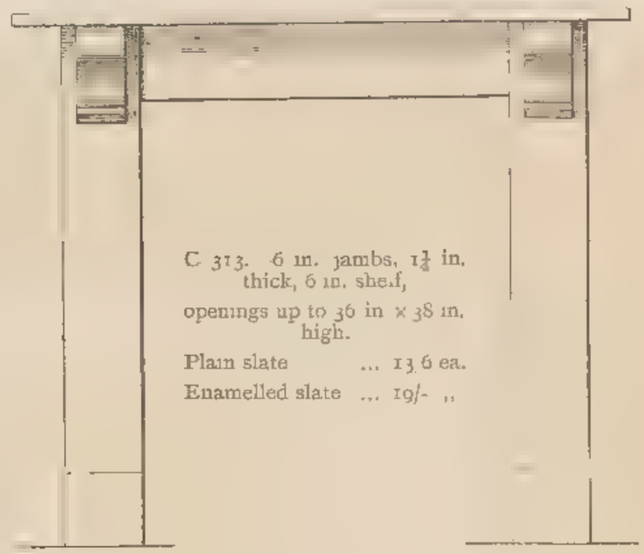


C 310.—Sicilian marble ... 3 × 3½ 3½ × 4½ inches.
Red ... 20/6 35/-
St Ann's ... 23/6 [illegible]
Black ... 25/6 [illegible]
Stock sizes—4 ft. long × 12 in. projection in 3 × 3½ in. inside measurement.
4 ft. 3 in. long × 12 in. ... 3 × 4½ in. ... White ... Colored
Cutting to length ... 2/6 3/6 extra.
Shortening return ends ... 3/6 5/- ,,

C 311.—Sicilian marble ... 3 × 4½ inch
Red ... 35/-
St Ann's ... 40/-
Black ... 13/-
Stock sizes—4 ft. 3 in. long × 12 in. projection inside measurement
White ... Colored
Cutting to length ... 2/6 3/6 extra
Shortening return ends ... 3/6 5/-
Also made in slate or any other color marble



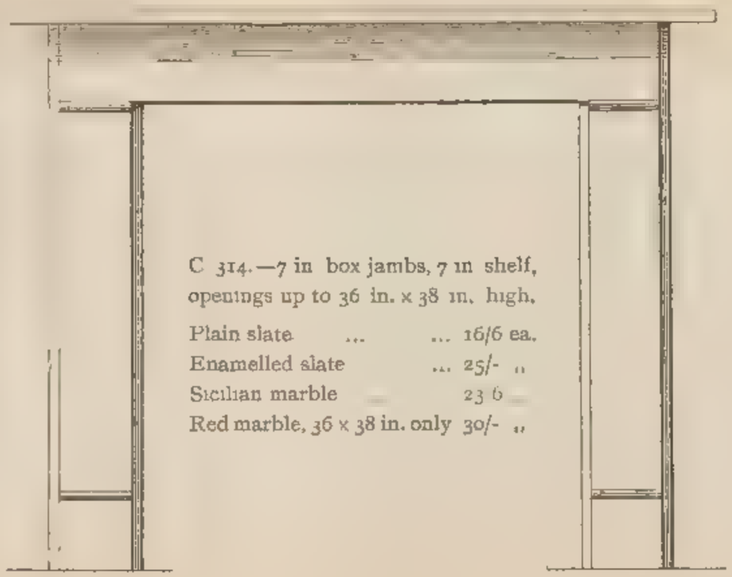
C 312.—5 in. jambs, 1¼ in thick, 5½ in. shelf,
openings up to 24 in. × 36 in. high.
Plain slate ... 9/- ea.
Enamelled slate ... 12/9 ,,
If 6 in. jambs, 1¼ in. thick, 6 in. shelf,
openings up to 30 in × 36 in. high.
Plain slate ... 11/- ea
Enamelled slate ... 15/- ,,



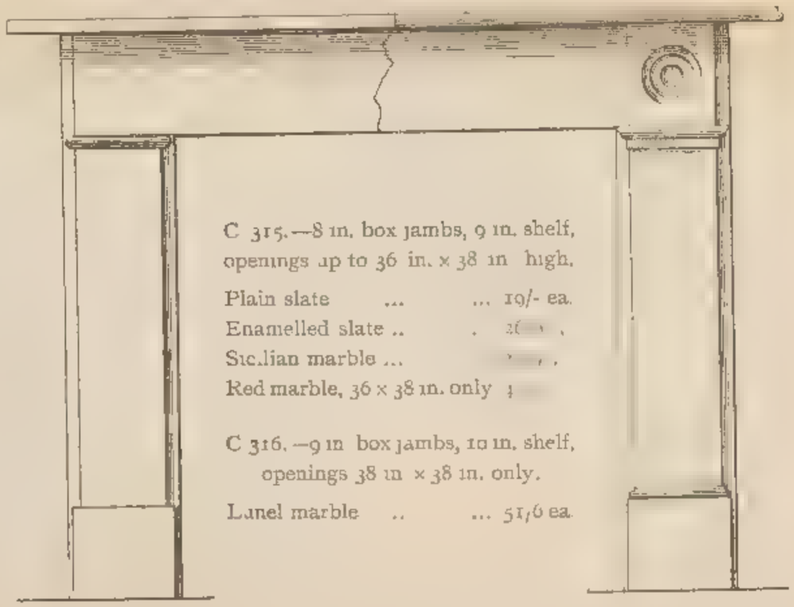
C 313. 6 in. jambs, 1¼ in. thick, 6 in. shelf,
openings up to 36 in × 38 in. high.
Plain slate ... 13/6 ea.
Enamelled slate ... 19/- ,,

PLAIN SLATE KITCHEN CHIMNEY PIECES.

					Without Trusses.	With Trusses.
Openings 3 ft. 6 in × 4 ft.	...	7 in. jambs 1½ in. thick,	7 in. shelf	...	22/6	[illegible] 6
,, 4 ft. × 4 ft. 6 in.	...	8 in. ,, ,,	8 in. ,,	...	30/-	33
,, 4 ft 6 in × 5 ft	...	9 in ,, ,,	9 in. ,,	...	38/-	[illegible]
,, 5 ft. × 5 ft.	...	10 in. ,, ,,	10 in ,,	..	43/6	[illegible]



C 314.—7 in box jambs, 7 in shelf,
openings up to 36 in. × 38 in. high.
Plain slate ... ... 16/6 ea.
Enamelled slate ... 25/- ,,
Sicilian marble 23/6
Red marble, 36 × 38 in. only 30/- ,,



C 315.—8 in. box jambs, 9 in. shelf,
openings up to 36 in. × 38 in high.
Plain slate ... ... 19/- ea.
Enamelled slate .. [illegible]
Sicilian marble ... [illegible]
Red marble, 36 × 38 in. only [illegible]
C 316.—9 in box jambs, 10 in. shelf,
openings 38 in × 38 in. only.
Lunel marble .. ... 51/6 ea.

C 315. C 316

Further details will be sent on receipt of requirements.

C 3250. C 3251.

C 3252. C 3253.

C 3250.

RED SPAR, MORRENS GREEN PANELS, BLACK TRUSSES.

Openings up to 38 in. wide x 38 in. high.

8 in. jambs	...	9 in shelf	30/-
9 in. ,,	...	10 in. ,,	33/-
10 in. ,,	...	11 in. ,,	36/9

C 3251.

BLACK AND SERPENTINE, ST. JOHN'S PANELS.

Gilt Lines, Moulded Shelf
Openings up to 38 in. wide x 38 in. high

8 in. jambs	...	9 in. shelf	39/-
9 in. ,,	...	10 in. ,,	42/-
10 in. ,,	..	11 in. ,,	45 9

C 3252.

ST. ANN'S AND BLACK MOUNTINGS.

Openings up to 38 in. wide x 38 in. high.

8 in. jambs	...	9 in. shelf	33/-
9 in. ,,	...	10 in. ,,	36/9

C 3253.

LIZARD SERPENTINE, WITH BLACK MOUNTINGS.

Openings up to 38 in. wide. x 38 in. high.

8 in. jambs	...	9 in. shelf	34/6
9 in. ,,	...	10 in. ,,	38 3

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

ENAMELLED SLATE CHIMNEY PIECES.

C 3254. C 3255.

C 3256. C 3257.

C 3254.

VERT MORRENS, GRIOTTE PANELS, GOLD LINES, BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	...	10 in. shelf	57/6
10 in. „	...	11 in. „	61/6

C 3255.

RED SPAR, BLACK MOUNTINGS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide by 38 in. high.

8 in. jambs	...	9 in. shelf	40/6
9 in. „	...	10 in. „	44/3

C 3256.

ST. ANN'S, WITH BLACK MOUNTINGS.

Openings up to 38 in. wide x 38 in. high.

8 in. jambs	...	9 in. shelf	37/6
9 in. „	...	10 in. „	42/-

C 3257.

COVERACK, WITH BLACK MOUNTINGS AND GILT ORNAMENT, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	...	10 in. shelf	64/6
10 in. „	...	11 in. „	69/-

Above can also be supplied in any of the following colours: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

C 3258. C 3259.

C 3260. C 3261.

C 3258.

RED SPAR, WITH BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	...	10 in. shelf	60/-
10 in. ,,	...	11 in. ,, ...	64 6

C 3259.

VERT GREEN, WITH BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	...	10 in. shelf	67/6
10 in. ,,	...	11 in. ,, ...	72/-

C 3260.

GRIOTTE, WITH LIMESTONE PANELS, BLACK MOUNTINGS AND GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	..	10 in. shelf	54/-
10 in. ,,	...	11 in. ,, ...	58/6

C 3261.

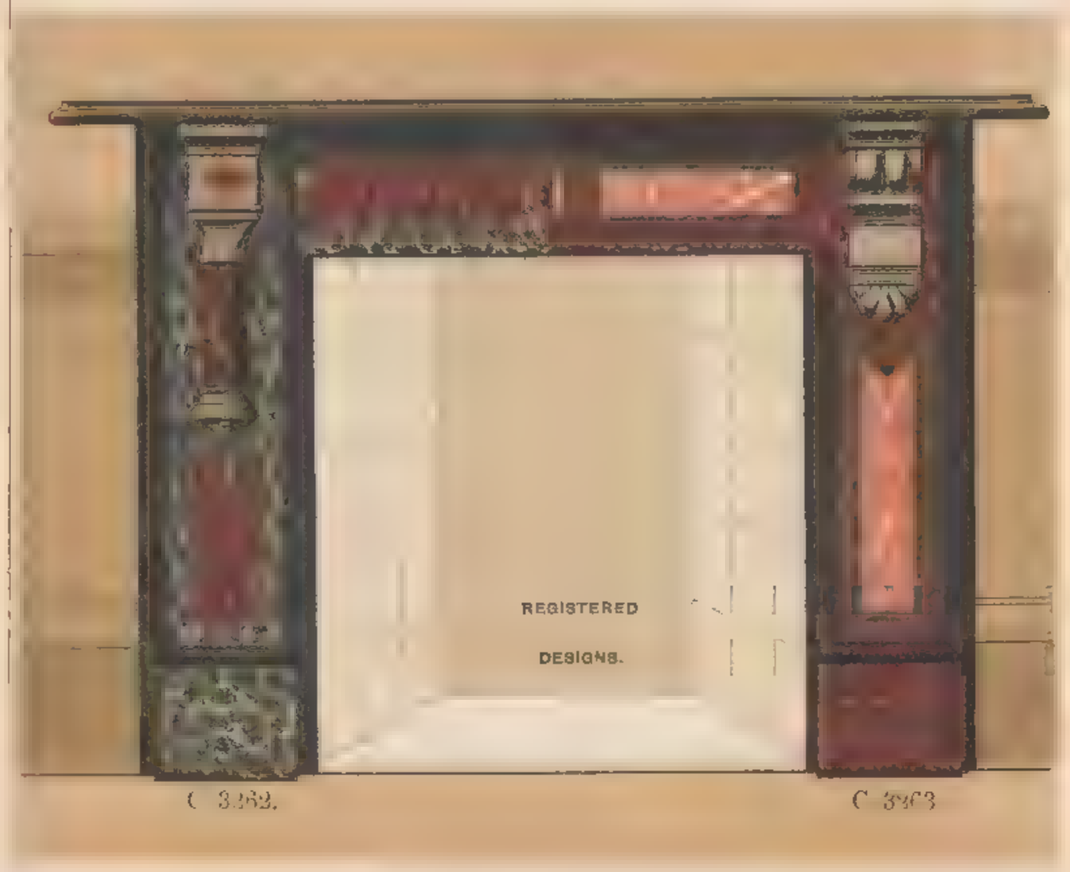
ST. ANN'S, WITH ST. CATHERINE'S PANELS, BLACK, AND ST. CATHERINE'S MOUNTS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

10 in. jambs	...	11 in. shelf	70/6
12 in. ,,	...	13 in. ,, ...	84/-

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

ENAMELLED SLATE CHIMNEY PIECES.



C 3262. C 3263

C 3264. C 3265

C 3262.

ST. ANN'S WITH SERPENTINE PANELS AND COLUMNS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

10 in. jambs	...	11 in. shelf	67/-
11 in. ,,	...	12 in. ,, ...	73 6
12 in. ,,	...	13 in. ,, ...	82/-

C 3263.

LIZARD SERPENTINE AND ECCOSSAIS PANELS, WITH BLACK MOUNTINGS AND GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

9 in. jambs	...	10 in. shelf	58/6
10 in. ,,	...	11 in ,, ...	63/6
11 in. ,,	...	12 in. ,, ...	70/-

C 3264.

BLACK AND ROUGE, WITH LIZARD SERPENTINE PILASTERS, AND MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

10 in. jambs	...	11 in. shelf	84/-
11 in. ,,	...	12 in. ,, ...	90/-
12 in. ,,	...	13 in. ,, ...	97/6

C 3265.

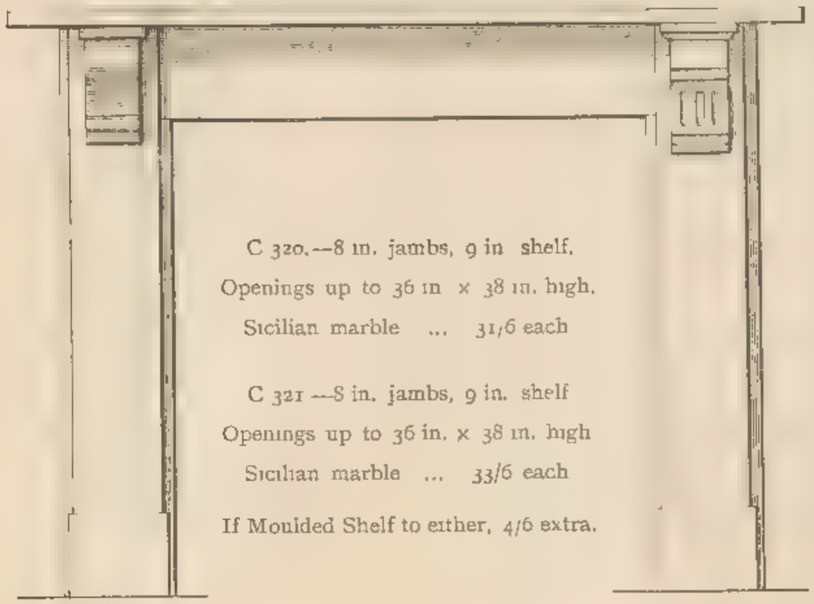
BLACK AND ST. ANN'S, ROUGE GRIOTTE PANELS, PILASTERS AND MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide x 38 in. high.

10 in. jambs	...	11 in. shelf	93/-
11 in. ,,	...	12 in. ,, ...	99/-
12 in. ,,	...	13 in. ,, ...	106/6

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lunacheue, Black, &c.

MARBLE CHIMNEY PIECES.

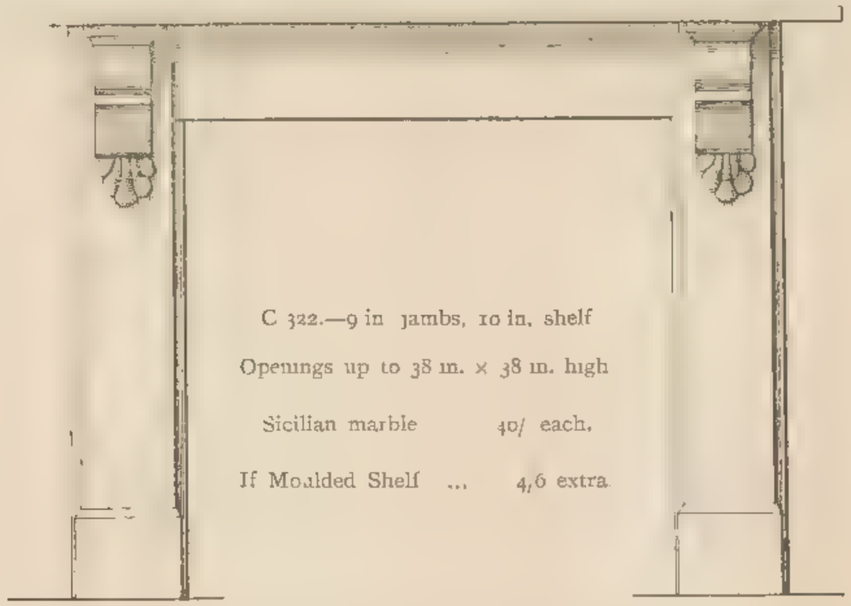


C 320.—8 in. jambs, 9 in shelf.
Openings up to 36 in × 38 in. high.
Sicilian marble ... 31/6 each

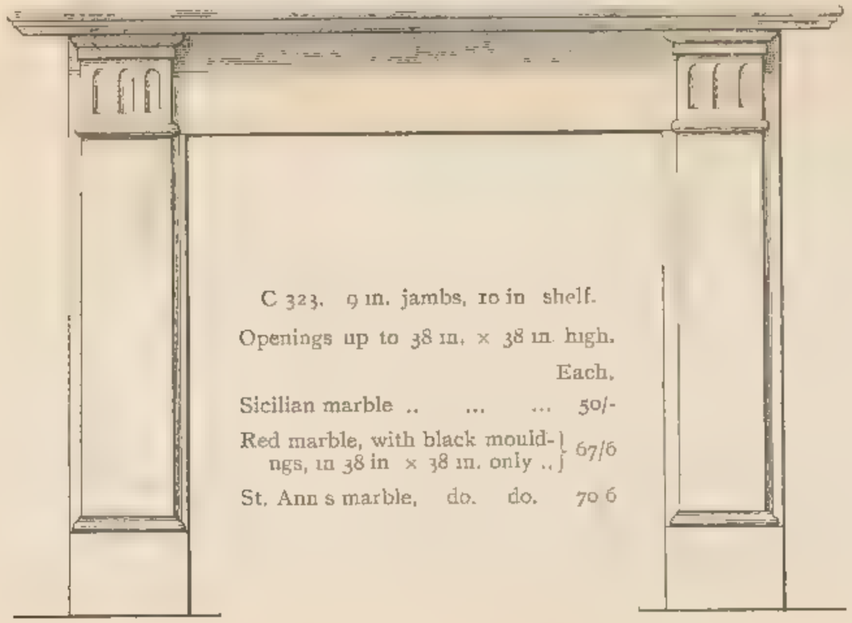
C 321 —8 in. jambs, 9 in. shelf
Openings up to 36 in. × 38 in. high
Sicilian marble ... 33/6 each

If Moulded Shelf to either, 4/6 extra.

C 320 C 321

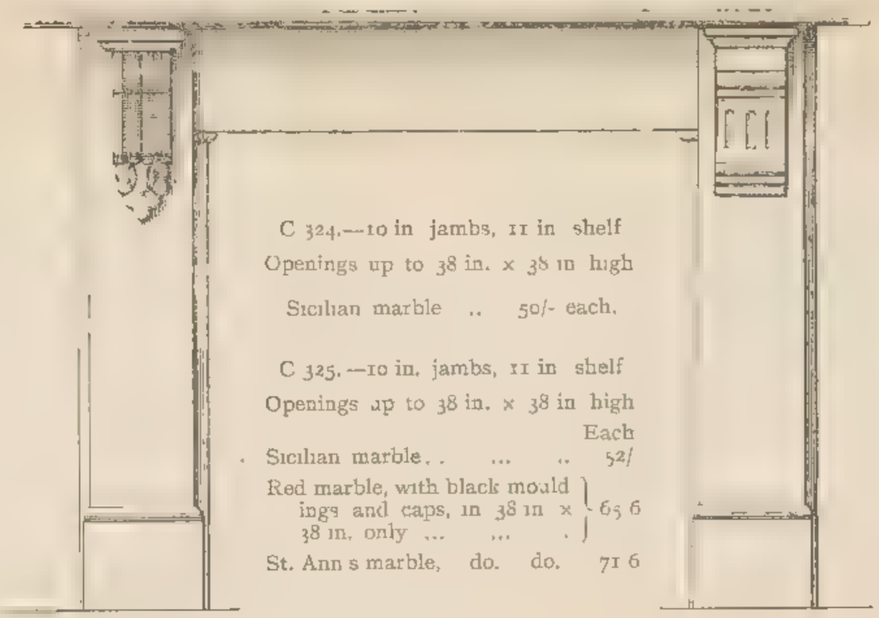


C 322.—9 in jambs, 10 in. shelf
Openings up to 38 in. × 38 in. high
Sicilian marble 40/ each.
If Moulded Shelf ... 4/6 extra.



C 323. 9 in. jambs, 10 in shelf.
Openings up to 38 in. × 38 in. high.

	Each.
Sicilian marble	50/-
Red marble, with black mouldings, in 38 in × 38 in. only ..	67/6
St. Ann s marble, do. do.	70 6



C 324.—10 in jambs, 11 in shelf
Openings up to 38 in. × 38 in high
Sicilian marble .. 50/- each.

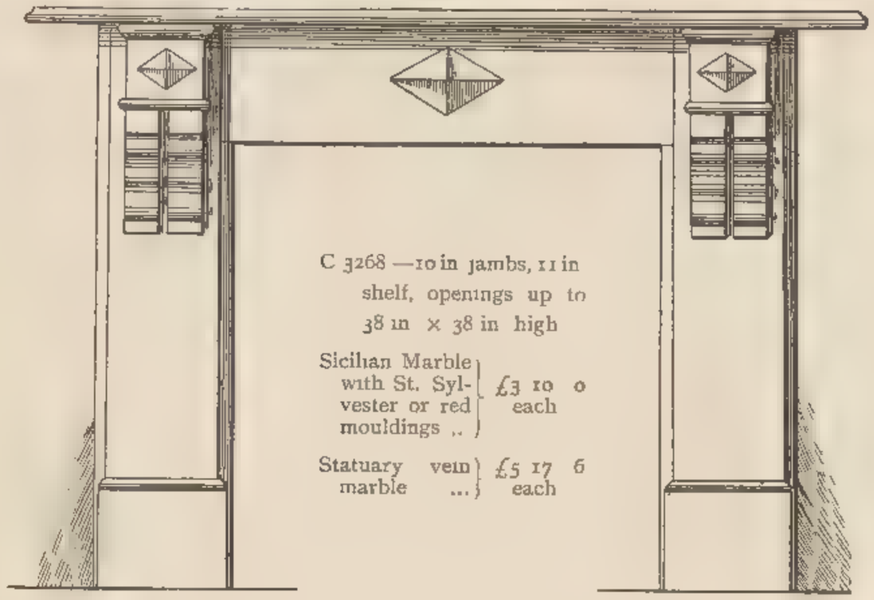
C 325.—10 in. jambs, 11 in shelf
Openings up to 38 in. × 38 in high

	Each
Sicilian marble	52/
Red marble, with black mouldings and caps, in 38 in × 38 in. only	65 6
St. Ann s marble, do. do.	71 6

C 324 C 325

Further details will be sent on receipt of requirements.

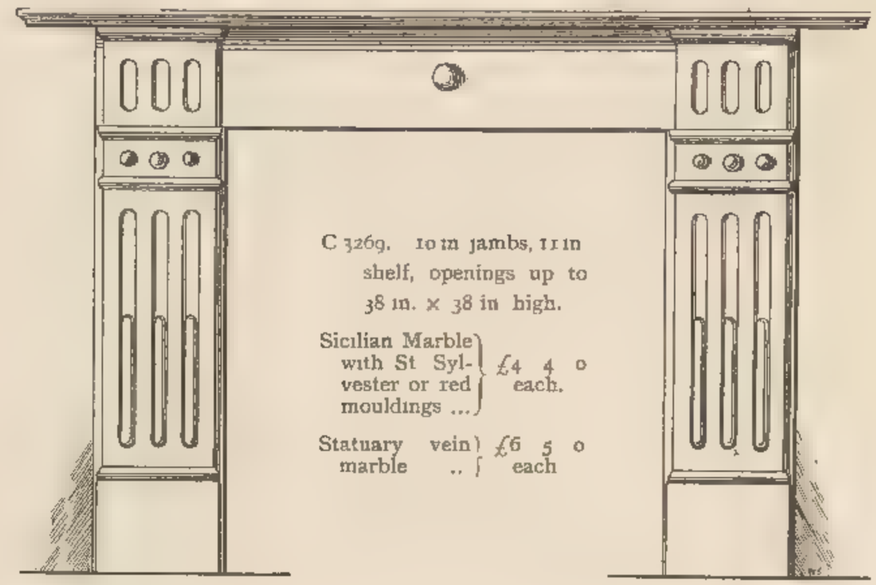
MARBLE CHIMNEY PIECES.



C 3268 —10 in jambs, 11 in shelf, openings up to 38 in × 38 in high

Sicilian Marble with St. Sylvester or red mouldings .. } £3 10 0 each

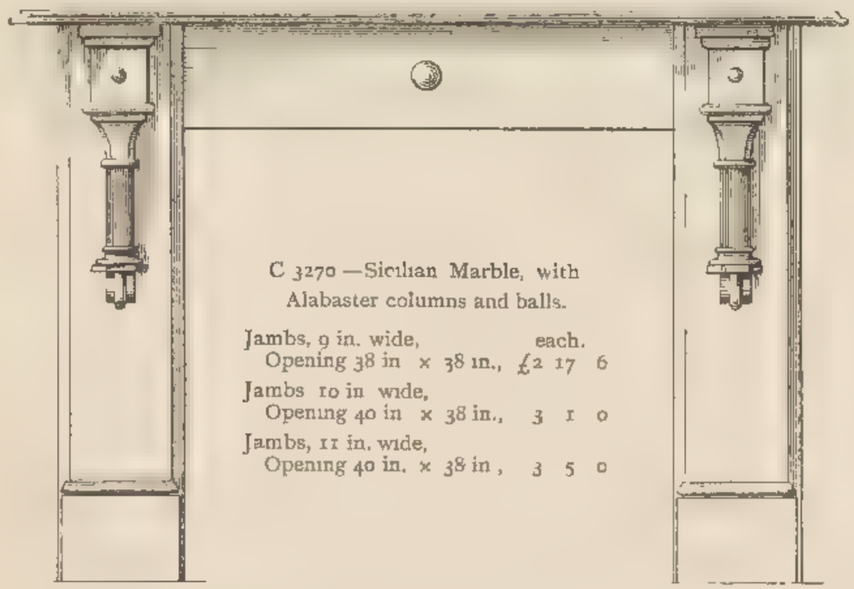
Statuary vein marble ... } £5 17 6 each



C 3269. 10 in jambs, 11 in shelf, openings up to 38 in. × 38 in high.

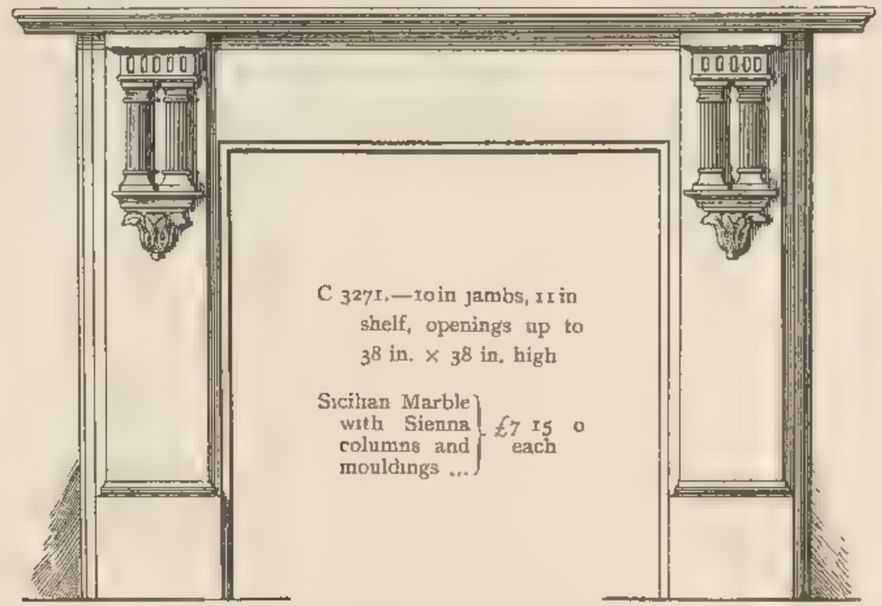
Sicilian Marble with St Sylvester or red mouldings ... } £4 4 0 each.

Statuary vein marble .. } £6 5 0 each



C 3270 —Sicilian Marble, with Alabaster columns and balls.

		each.
Jambs, 9 in. wide, Opening 38 in × 38 in.,	£2 17 6	
Jambs 10 in wide, Opening 40 in × 38 in.,	3 1 0	
Jambs, 11 in. wide, Opening 40 in. × 38 in ,	3 5 0	

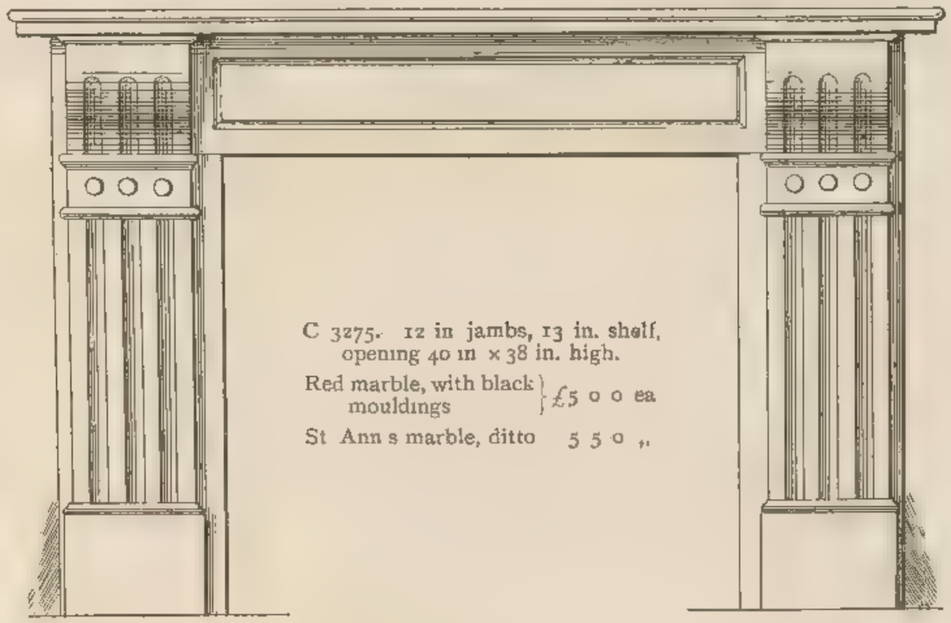


C 3271.—10 in jambs, 11 in shelf, openings up to 38 in. × 38 in. high

Sicilian Marble with Sienna columns and mouldings ... } £7 15 0 each

Further details will be sent on application.

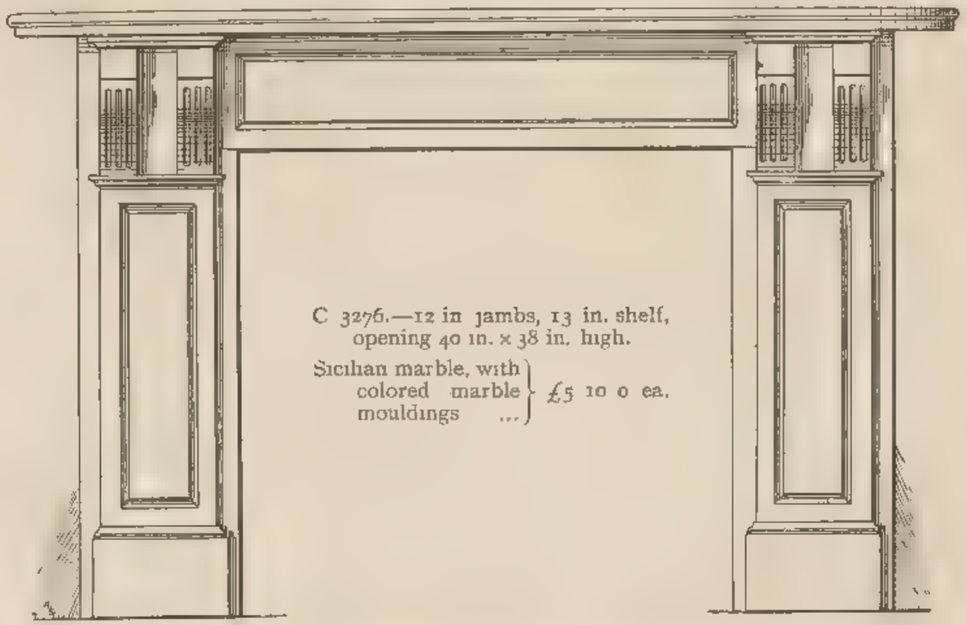
MARBLE CHIMNEY PIECES.



C 3275. 12 in jambs, 13 in. shelf, opening 40 in × 38 in. high.

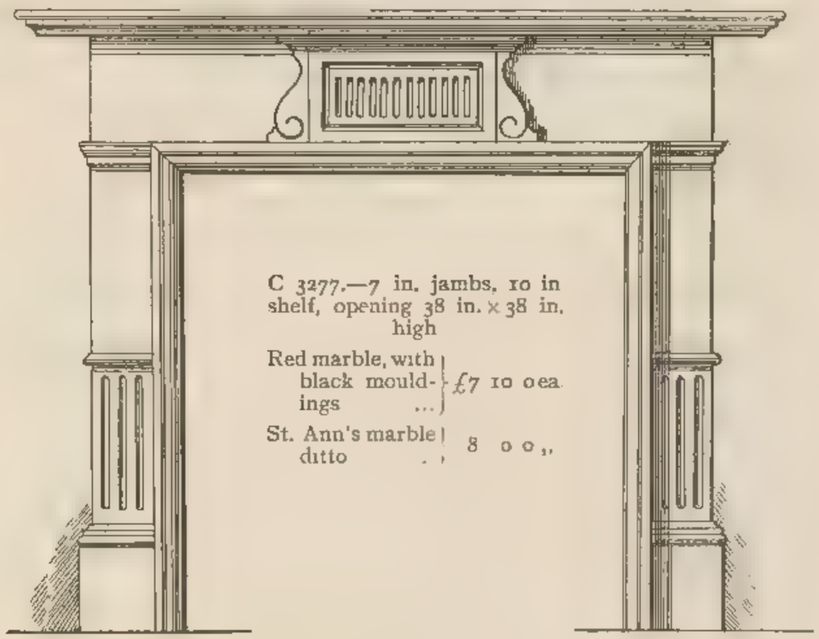
Red marble, with black mouldings } £5 0 0 ea

St Ann s marble, ditto 5 5 0 ,,



C 3276.—12 in jambs, 13 in. shelf, opening 40 in. × 38 in. high.

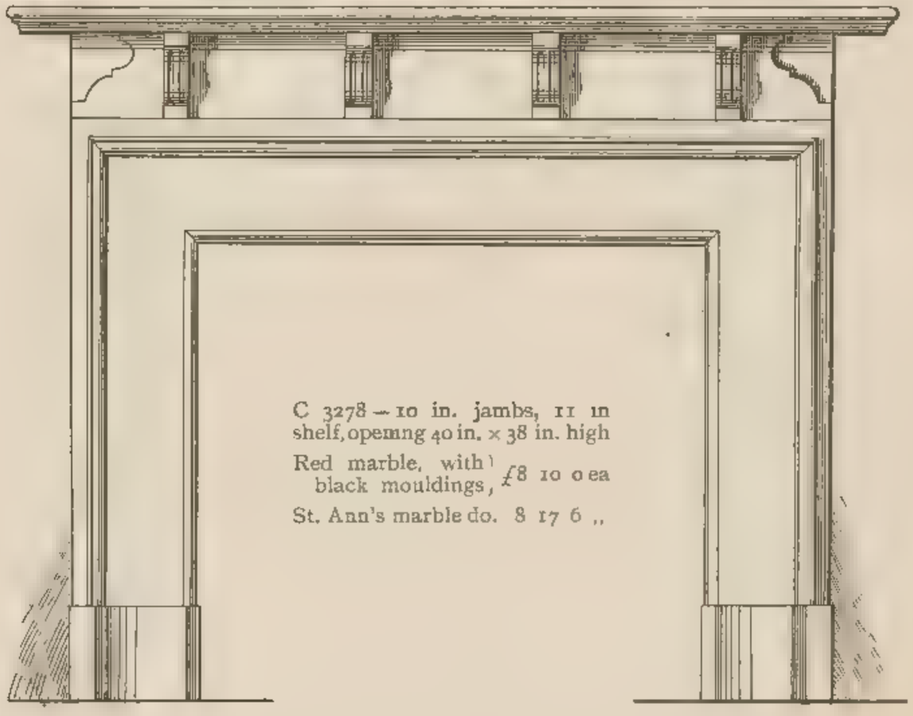
Sicilian marble, with colored marble mouldings ... } £5 10 0 ea.



C 3277.—7 in. jambs, 10 in shelf, opening 38 in. × 38 in. high

Red marble, with black mouldings ... } £7 10 0 ea

St. Ann's marble ditto } 8 0 0 ,,



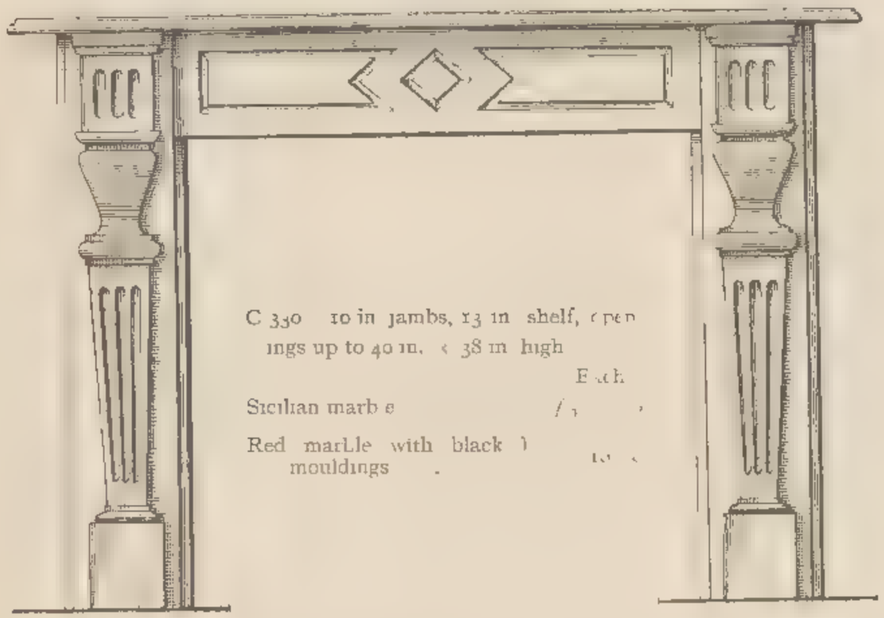
C 3278 – 10 in. jambs, 11 in shelf, opening 40 in. × 38 in. high

Red marble, with black mouldings, } £8 10 0 ea

St. Ann's marble do. 8 17 6 ,,

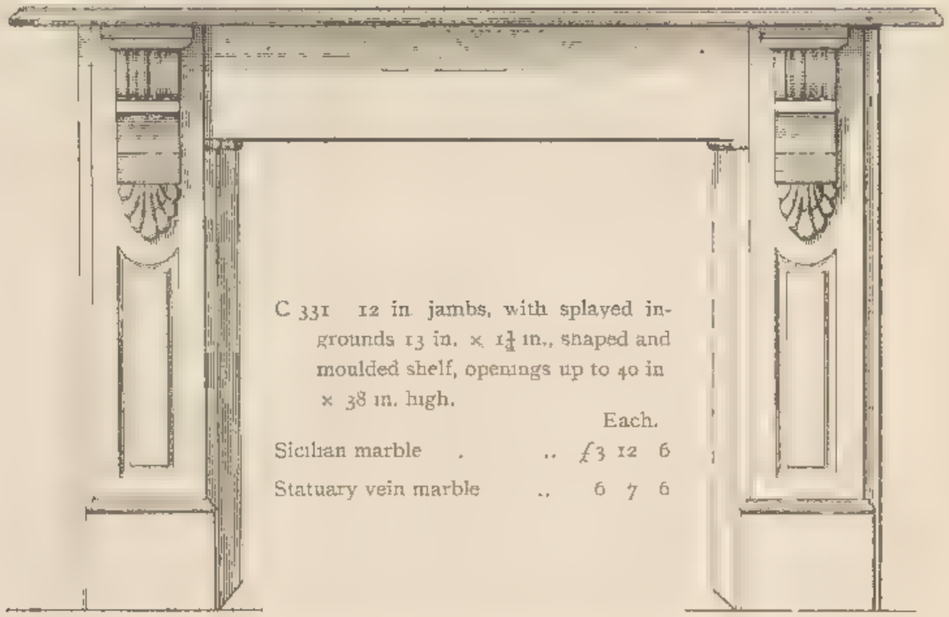
Further details will be sent on receipt of requirements.

MARBLE CHIMNEY PIECES.



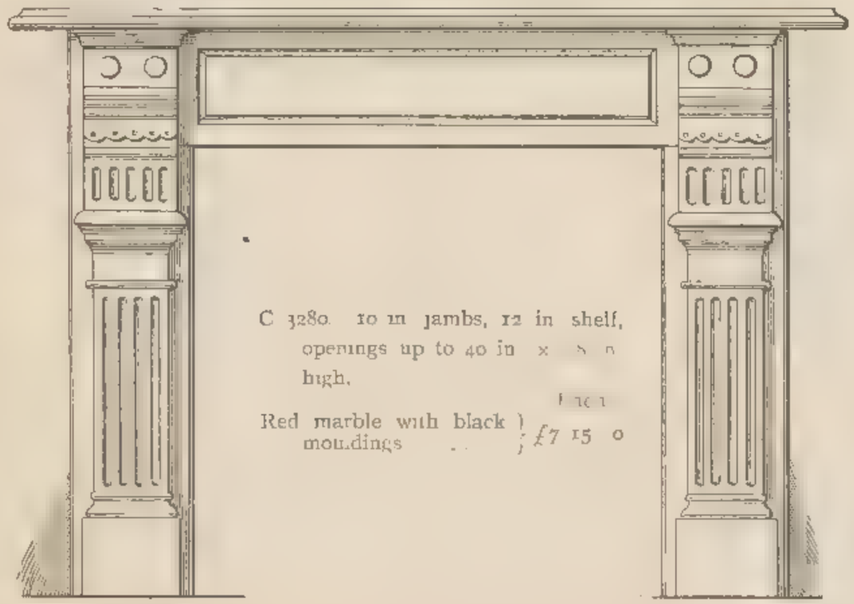
C 330 10 in jambs, 13 in shelf, openings up to 40 in. × 38 in high

	Each
Sicilian marble	£ [illegible]
Red marble with black mouldings	[illegible]



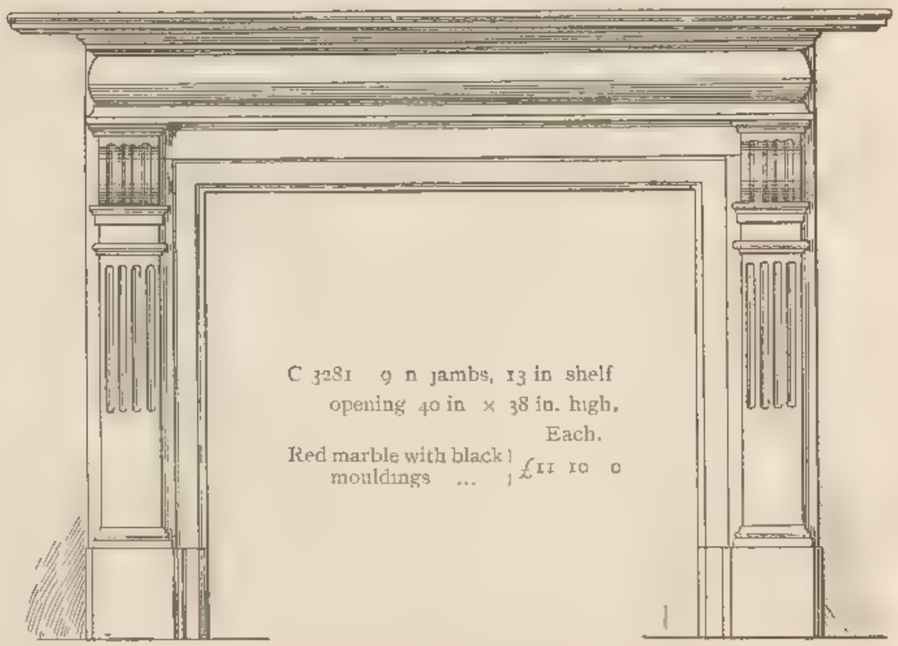
C 331 12 in jambs, with splayed ingrounds 13 in. × 1¼ in., shaped and moulded shelf, openings up to 40 in × 38 in. high.

	Each.
Sicilian marble ..	£3 12 6
Statuary vein marble ..	6 7 6



C 3280 10 in jambs, 12 in shelf, openings up to 40 in × 38 in high.

	Each
Red marble with black mouldings ..	£7 15 0

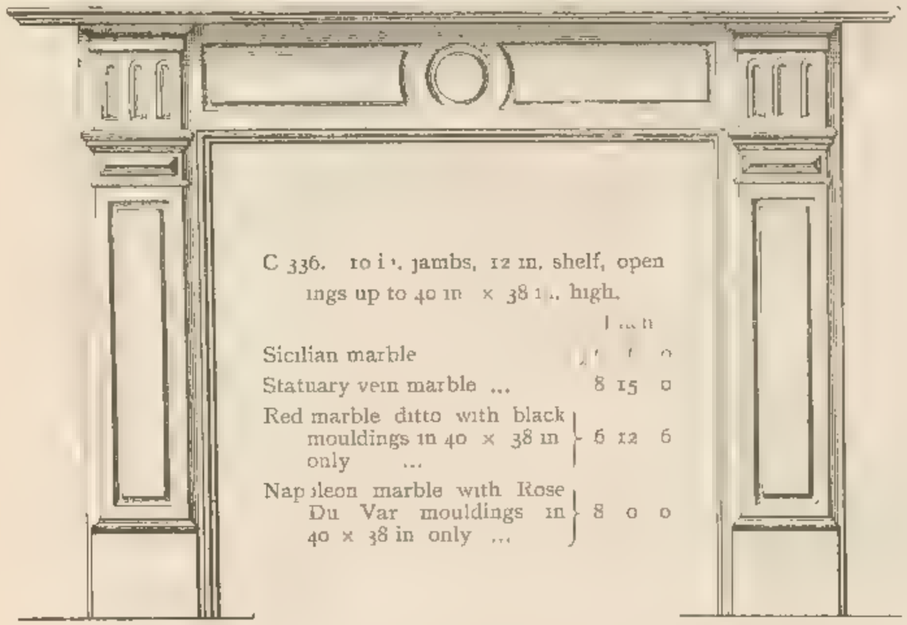


C 3281 9 in jambs, 13 in shelf opening 40 in × 38 in. high.

	Each.
Red marble with black mouldings ...	£11 10 0

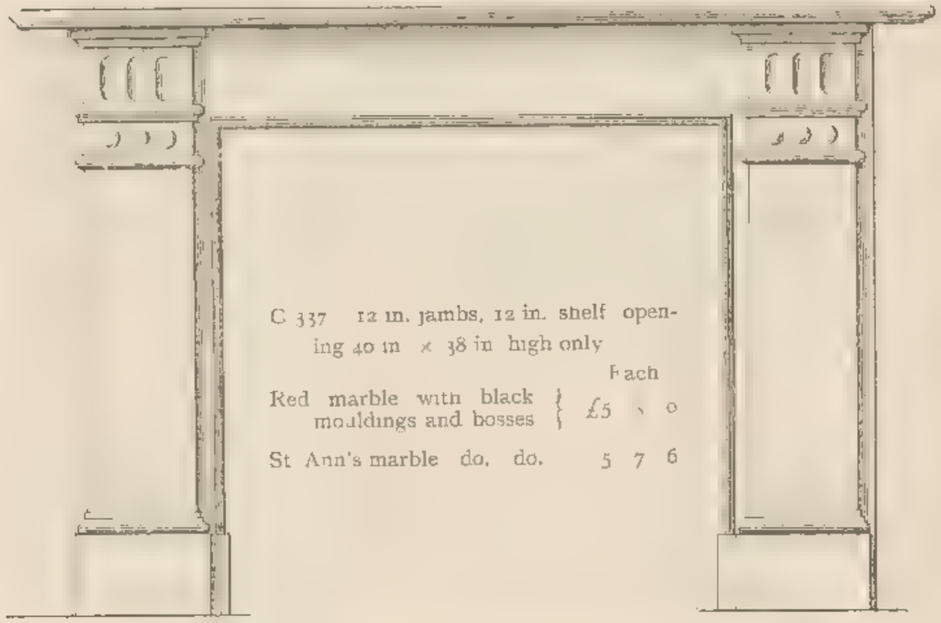
Further details will be sent on receipt of requirements.

MARBLE CHIMNEY PIECES.



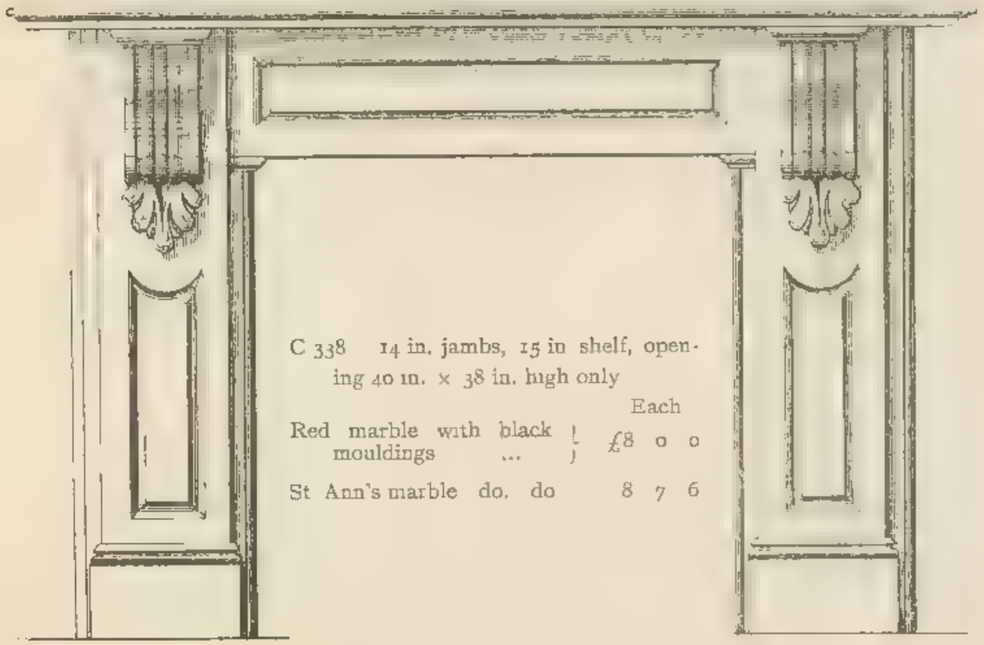
C 336. 10 in. jambs, 12 in. shelf, openings up to 40 in × 38 in. high.

	Each
Sicilian marble	£ [illegible]
Statuary vein marble ...	8 15 0
Red marble ditto with black mouldings in 40 × 38 in only ...	6 12 6
Napoleon marble with Rose Du Var mouldings in 40 × 38 in only ...	8 0 0



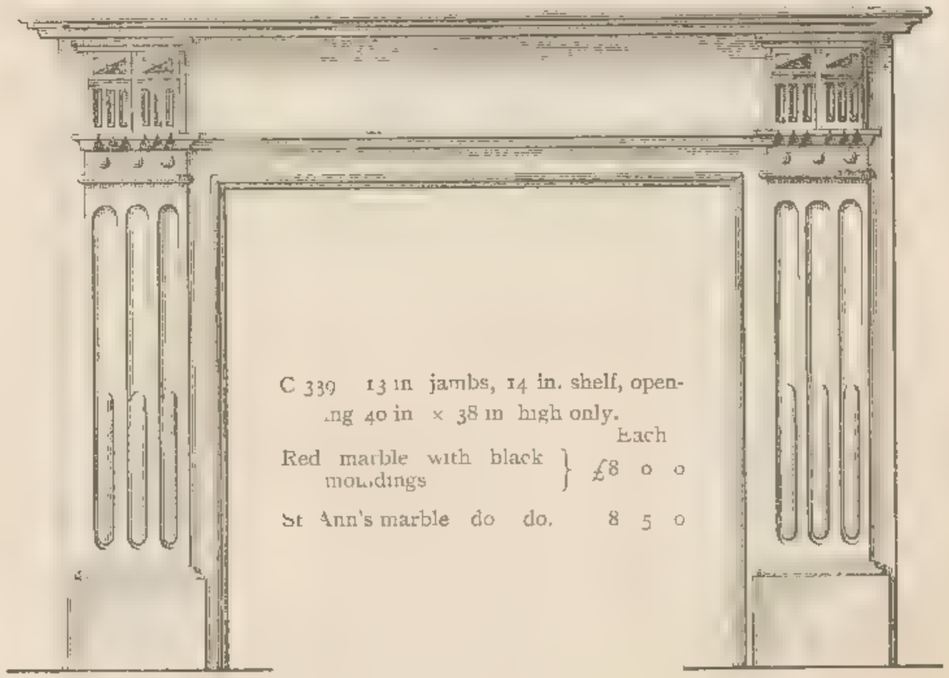
C 337 12 in. jambs, 12 in. shelf opening 40 in × 38 in high only

	Each
Red marble with black mouldings and bosses	£5 [illegible] 0
St Ann's marble do. do.	5 7 6



C 338 14 in. jambs, 15 in shelf, opening 40 in. × 38 in. high only

	Each
Red marble with black mouldings ...	£8 0 0
St Ann's marble do. do	8 7 6

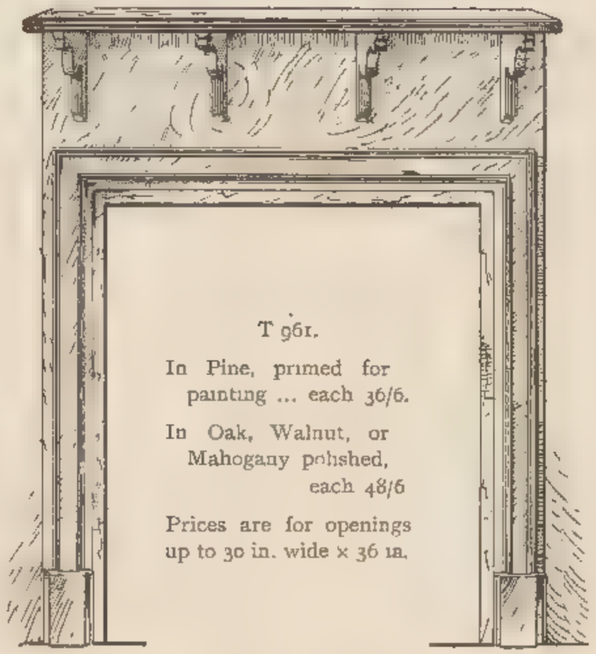


C 339 13 in jambs, 14 in. shelf, opening 40 in × 38 in high only.

	Each
Red marble with black mouldings	£8 0 0
St Ann's marble do do.	8 5 0

Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.

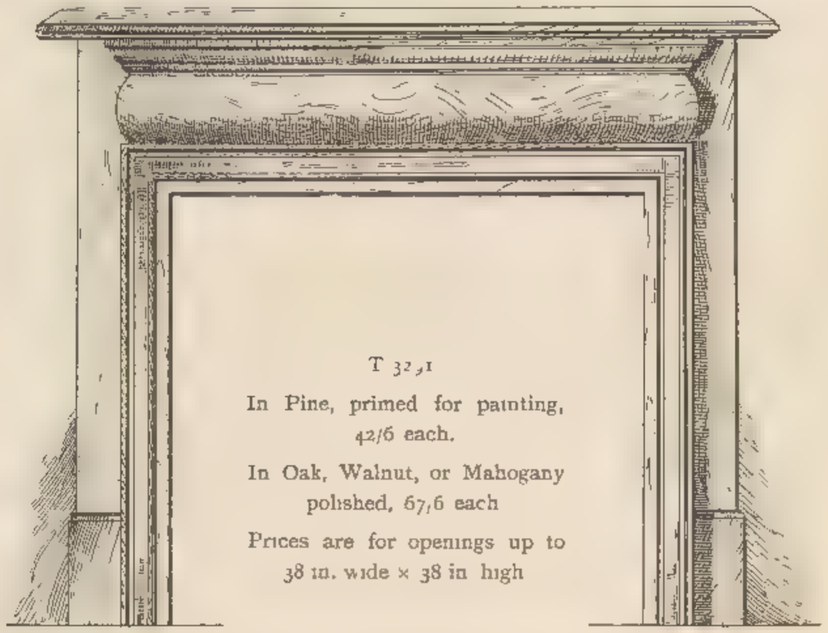


T 961.

In Pine, primed for painting ... each 36/6.

In Oak, Walnut, or Mahogany polished, each 48/6

Prices are for openings up to 30 in. wide × 36 in.

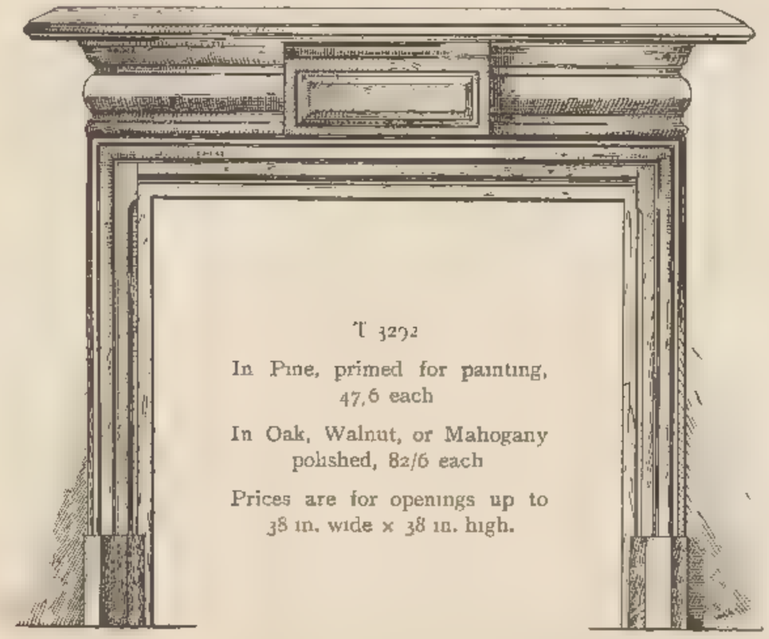


T 3291

In Pine, primed for painting, 42/6 each.

In Oak, Walnut, or Mahogany polished, 67/6 each

Prices are for openings up to 38 in. wide × 38 in high

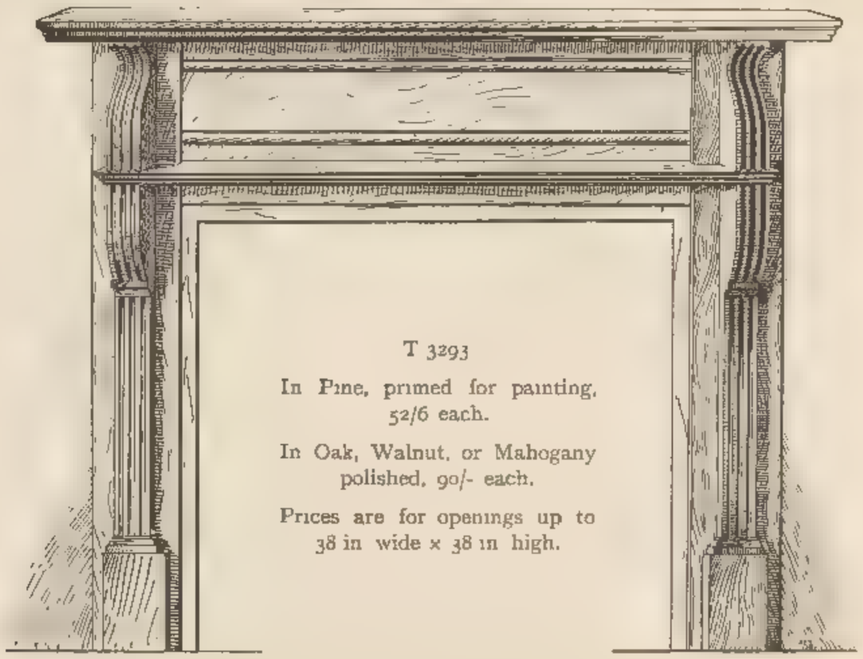


T 3292

In Pine, primed for painting, 47/6 each

In Oak, Walnut, or Mahogany polished, 82/6 each

Prices are for openings up to 38 in. wide × 38 in. high.



T 3293

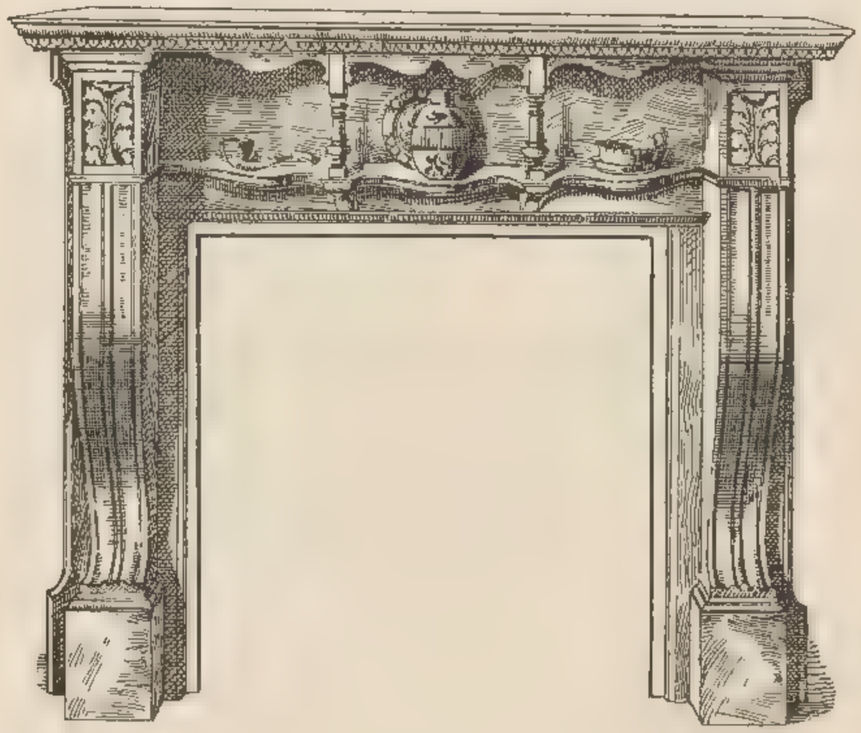
In Pine, primed for painting, 52/6 each.

In Oak, Walnut, or Mahogany polished, 90/- each.

Prices are for openings up to 38 in wide × 38 in high.

Above Prices include Black Enamelled Slate Ingrounds. If Chimney Pieces painted three coats plain colours, 3/6 to 5/6 extra to primed

Further details will be sent on receipt of requirement.



T 3298 —In pine, primed for painting £3 3 6 each

In oak, walnut, mahogany, polished £5 0 0 ,

T 3299 In pine, primed for painting .. £5 10 0 each

In oak, walnut, mahogany, polished £9 0 0 ,,

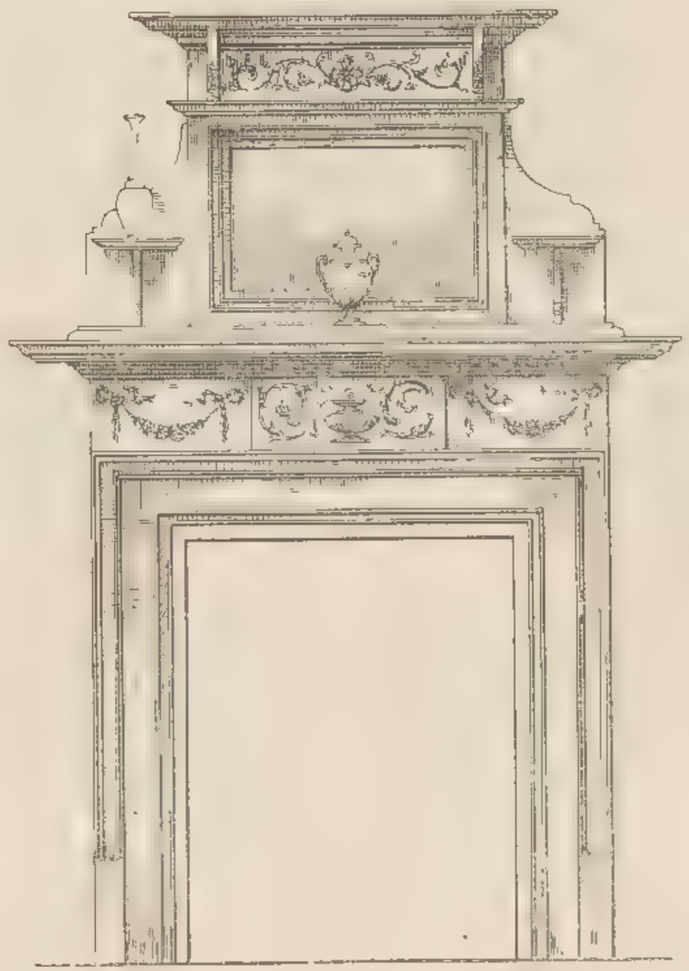
Above prices include black enamelled slate ingrounds.

Extra cost of marble ingrounds on receipt of colour required.

The above are made with adjustable friezes, and will take grates from 36 in. to 40 in. wide × 38 in. high

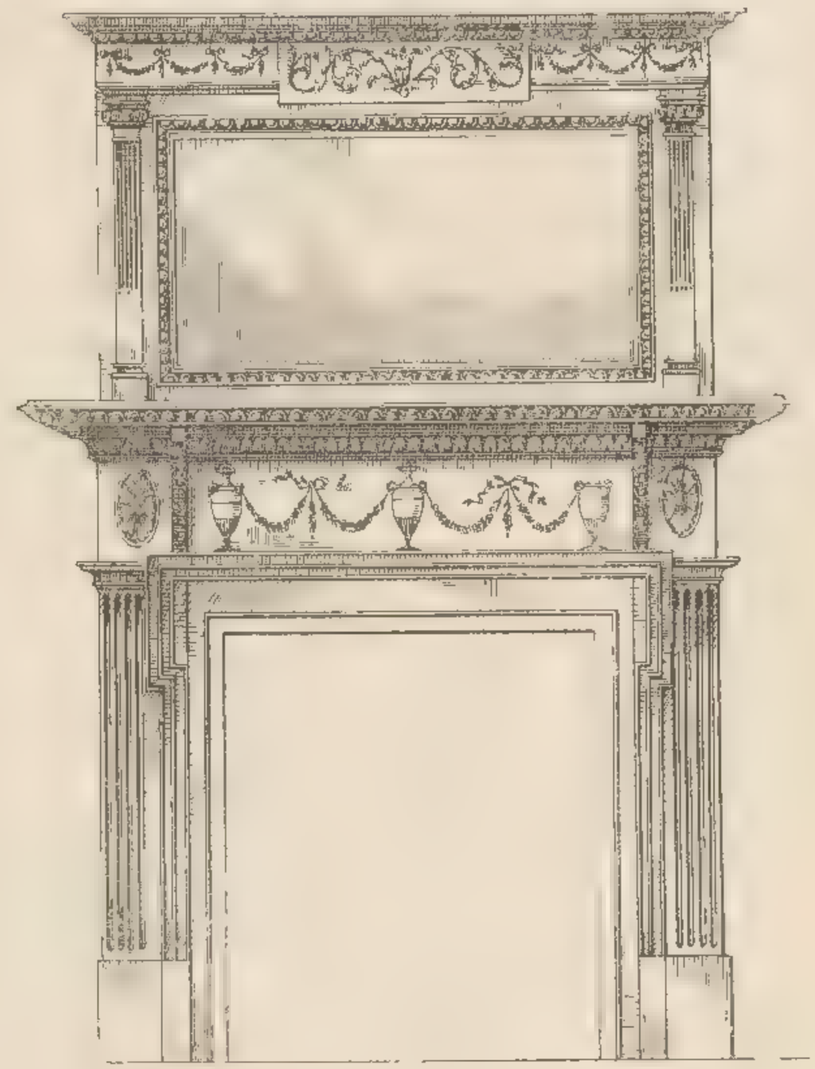
Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.



T 1016		Mantelpiece only including Plain Black Enamelled Slate Ingrounds.	Overmantel, including Bevelled Glass Panel.
In Pine, with Compo. Enrichments, primed	each	£2 13 6	£2 6 9
Do. do. painted three coats, plain colours	,,	£2 17 0	£2 10 0

Prices are for Openings up to 30 in. wide × 37 in. high.

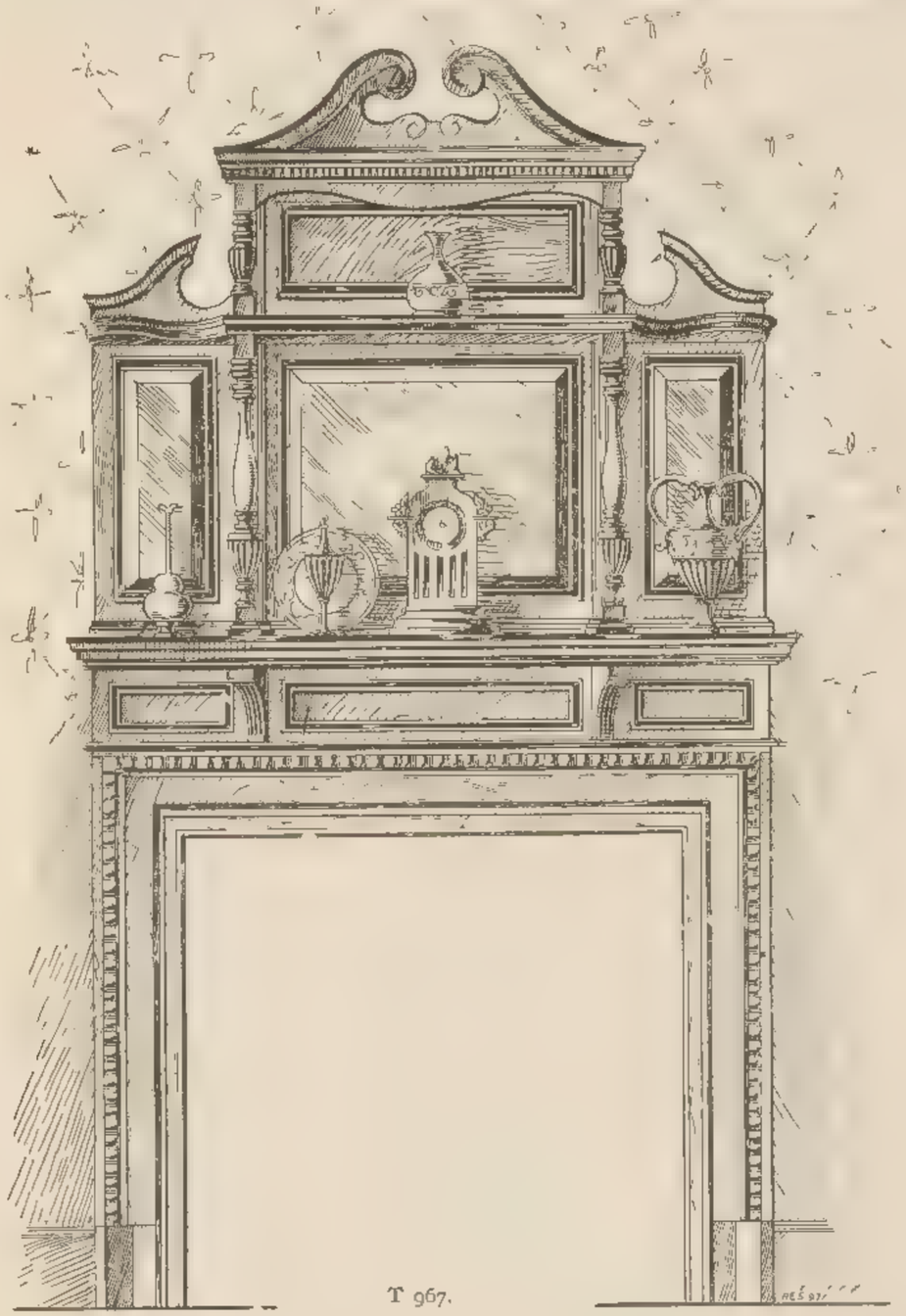


T 1014.		Mantelpiece only, including Plain Black Enamelled Slate Ingrounds.	Overmantel, including Bevelled Glass Panel
In Pine, with Compo. Enrichments, primed	each	£3 19 6	£4 10 9
Do. do. painted three coats plain colours	,,	£4 3 6	£4 15 0

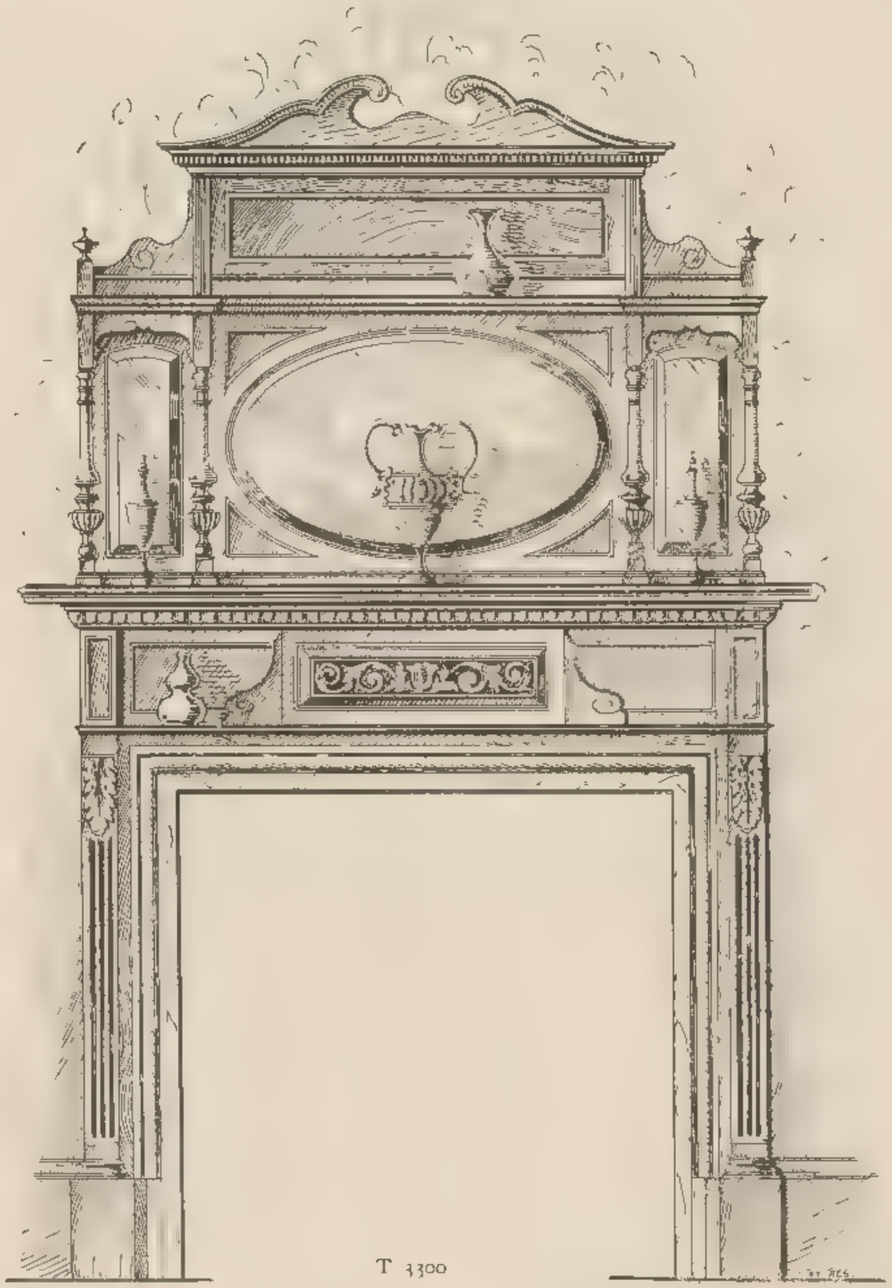
Prices are for Openings up to 38 in. wide × 38 in. high.

Extra cost of Marble Ingrounds on receipt of colour required. Scale about ¾ in. 1 foot. Further details and designs will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.



T 967.



T 3300

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
T 967.—In Pine, primed for painting	£4 0 0	£5 12 6
Ditto, painted three coats plain colours .	£4 5 0	£5 17 6
, Ditto, Oak, Walnut, Mahogany polished ..	£6 10 0	£8 10 0

Prices are for Openings up to 40 in wide × 38 in. high.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
T 3300. In Pine, primed for painting	£7 2 6	£7 0 0
" Ditto, Painted three coats plain colours ...	£7 7 6	£7 5 0
" Ditto, Oak, Walnut, Mahogany polished ...	£10 0 0	£9 15 0

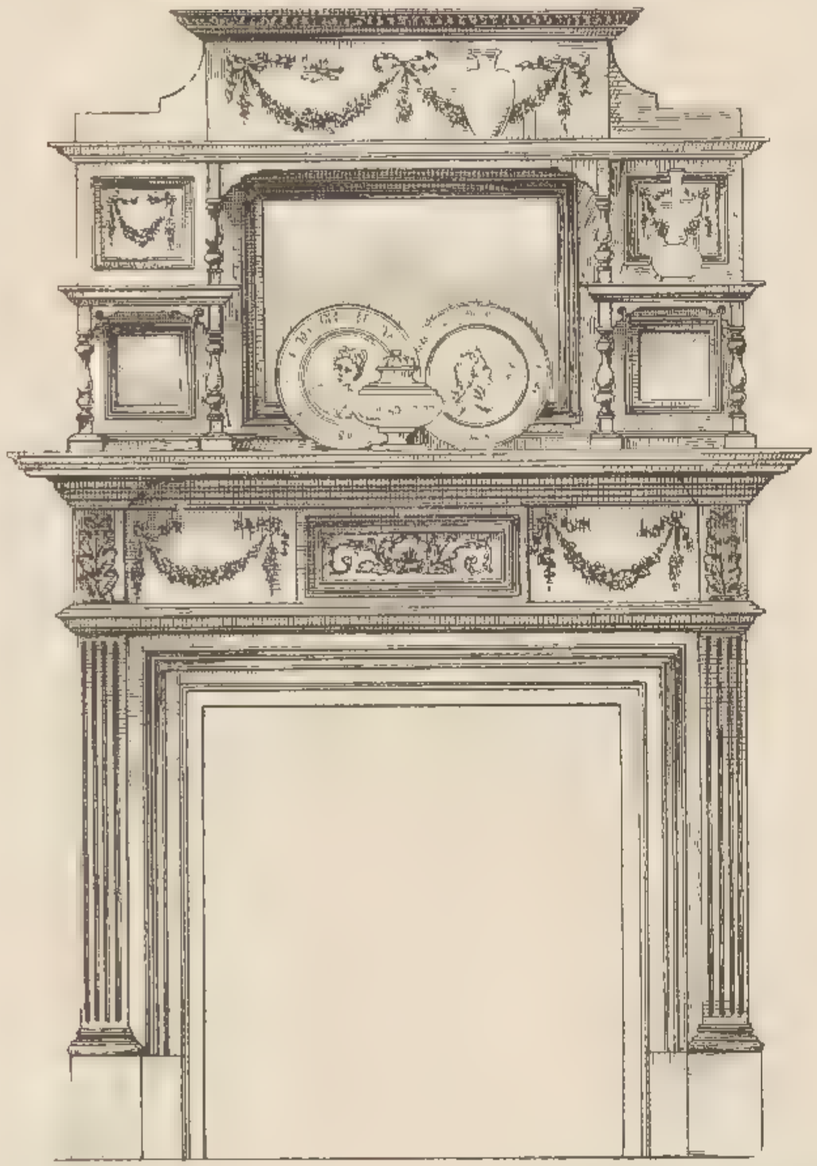
Prices are for Openings up to 40 in wide × 38 in high

Above are with Moulded Black Enamelled Slate Ingrounds. Extra cost of Marble Ingrounds on receipt of Colour required

Scale ¾ in 1 foot

Further details will be sent on receipt of requirements.

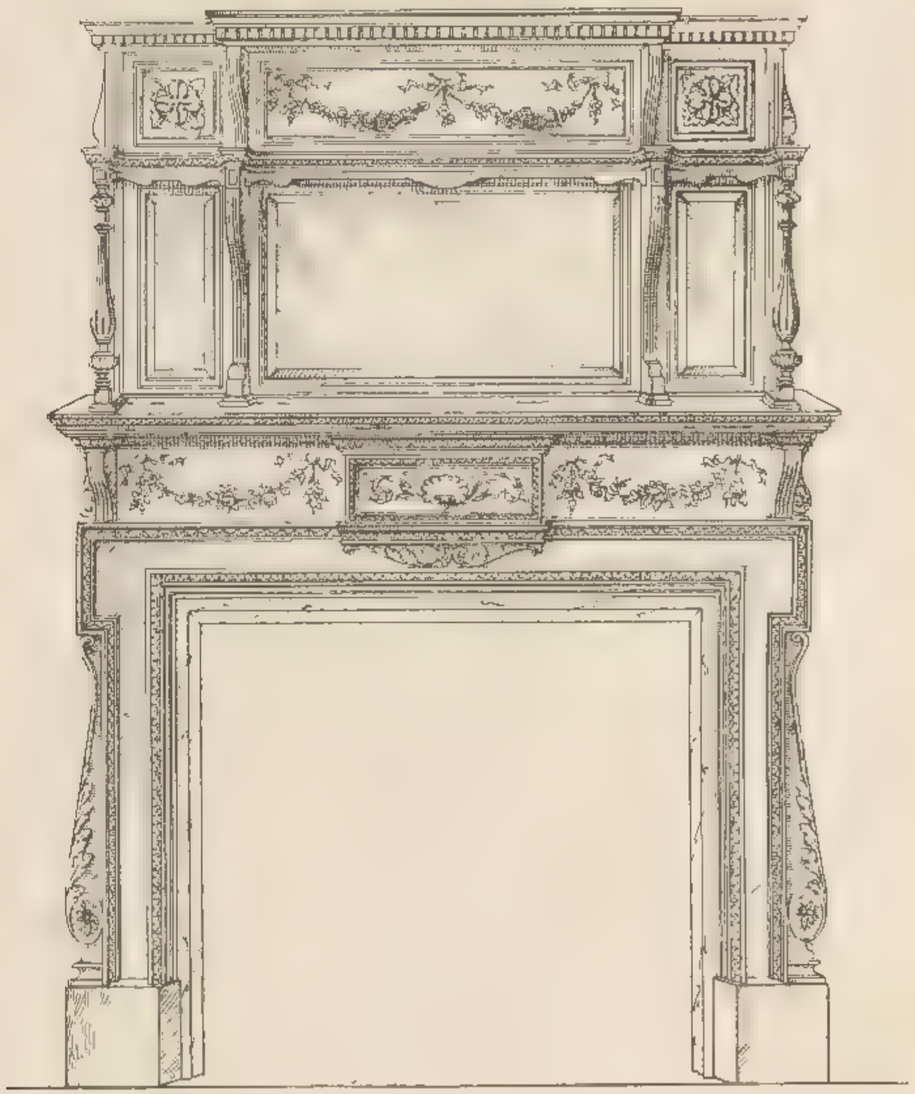
WOOD CHIMNEY PIECES.



T 1015

	Mantelpiece only, including Plain Black Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine with Compo Enrichments, primed	£4 5 6	£4 15 0
Ditto, Painted three coats, plain colours .. .	£4 9 6 ...	£5 0 0

Prices are for Openings up to 38 in. wide × 38 in high



T 970

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, with Compo Enrichments primed for painting	£6 10 0	£[illegible] 5 0
Ditto, Painted three coats, plain colours .. .	£6 14 0	£[illegible] 10 0

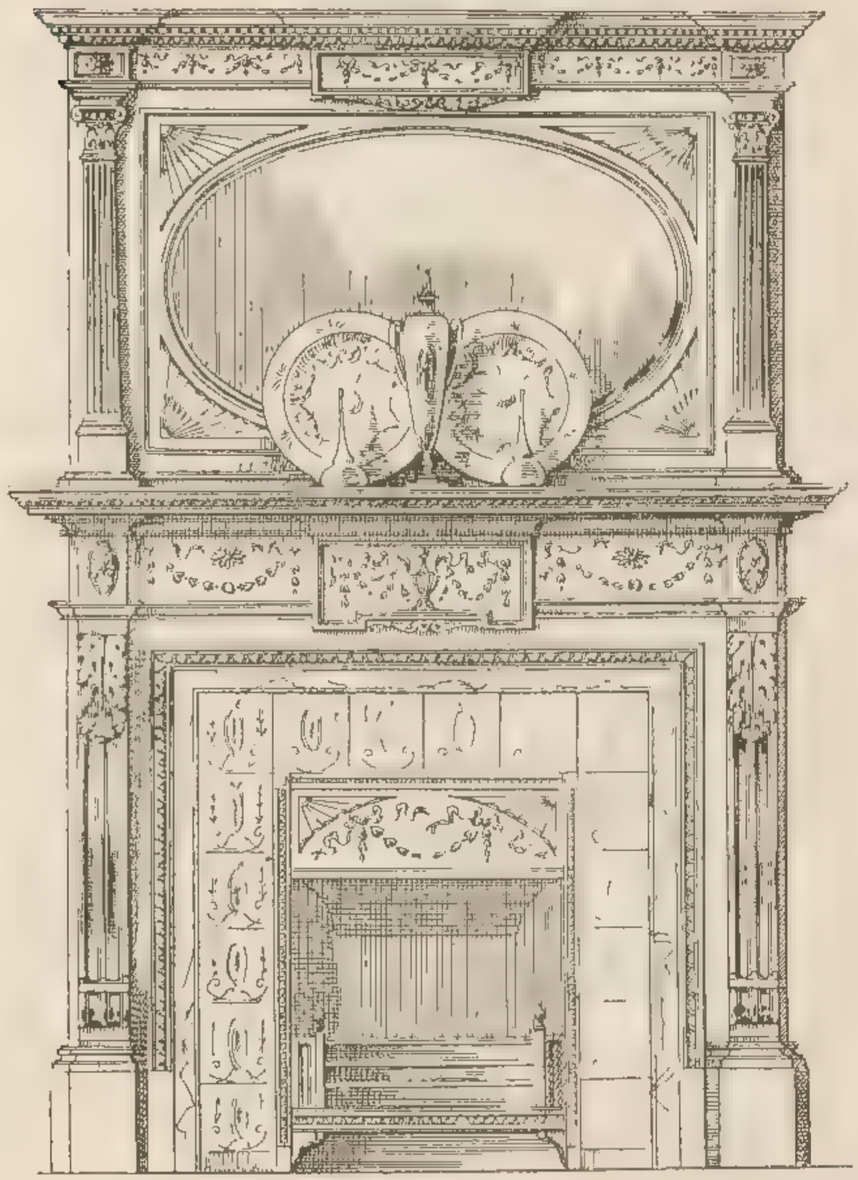
Prices are for Openings up to 40 in wide × 38 in. high.

Above are with Black Enamelled Slate Ingrounds. Extra Cost of Marble Ingrounds on receipt of colour required

Scale ¾ *in.* 1 *foot*

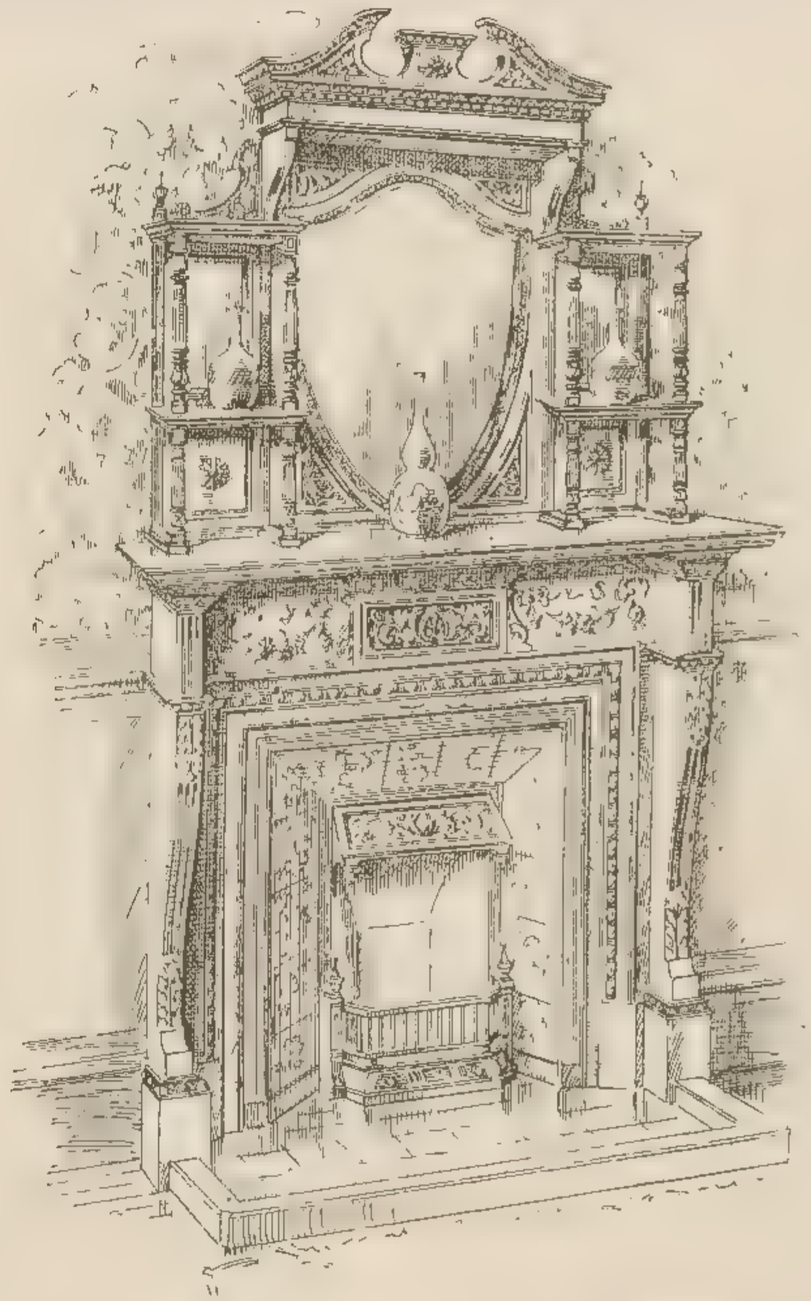
Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.



T 1017

		Mante.piece only, including Black Moulded Enamelled Slate Ingrounds.	Overmante, including Bevelled Glass Panel.
In Pine, with Compo Enrichments, primed for painting	each	£7 7 0	£7 0 0
Do do painted three coats, plain colours ...	,,	£7 11 0	£7 4 0



1015

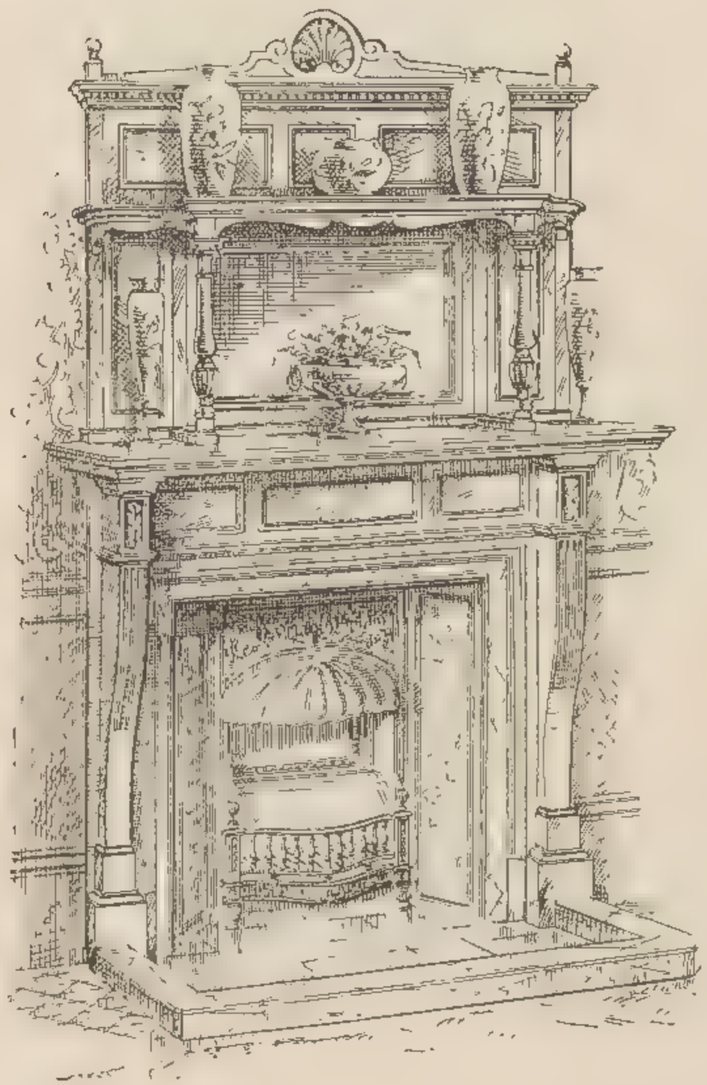
		[illegible]	Overmante including bevelled Glass Panels.
In Pine, with Compo Enrichments, primed for painting	each	[illegible]	£10 5 0
Do do painted three coats, plain colours ...		[illegible]	£10 1[illegible] 0

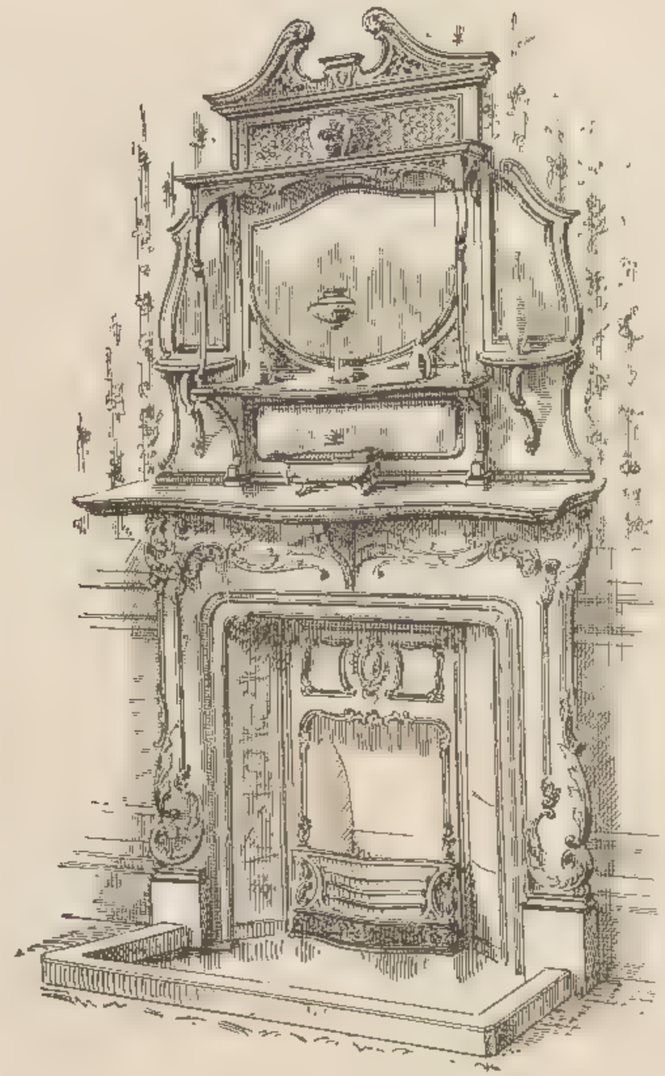
Prices are for Openings up to 38 inch wide × 38 inch high.

Above are with Black Enamelled Slate Ingrounds Extra Cost of Marble Ingrounds on receipt of Colour required

Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.





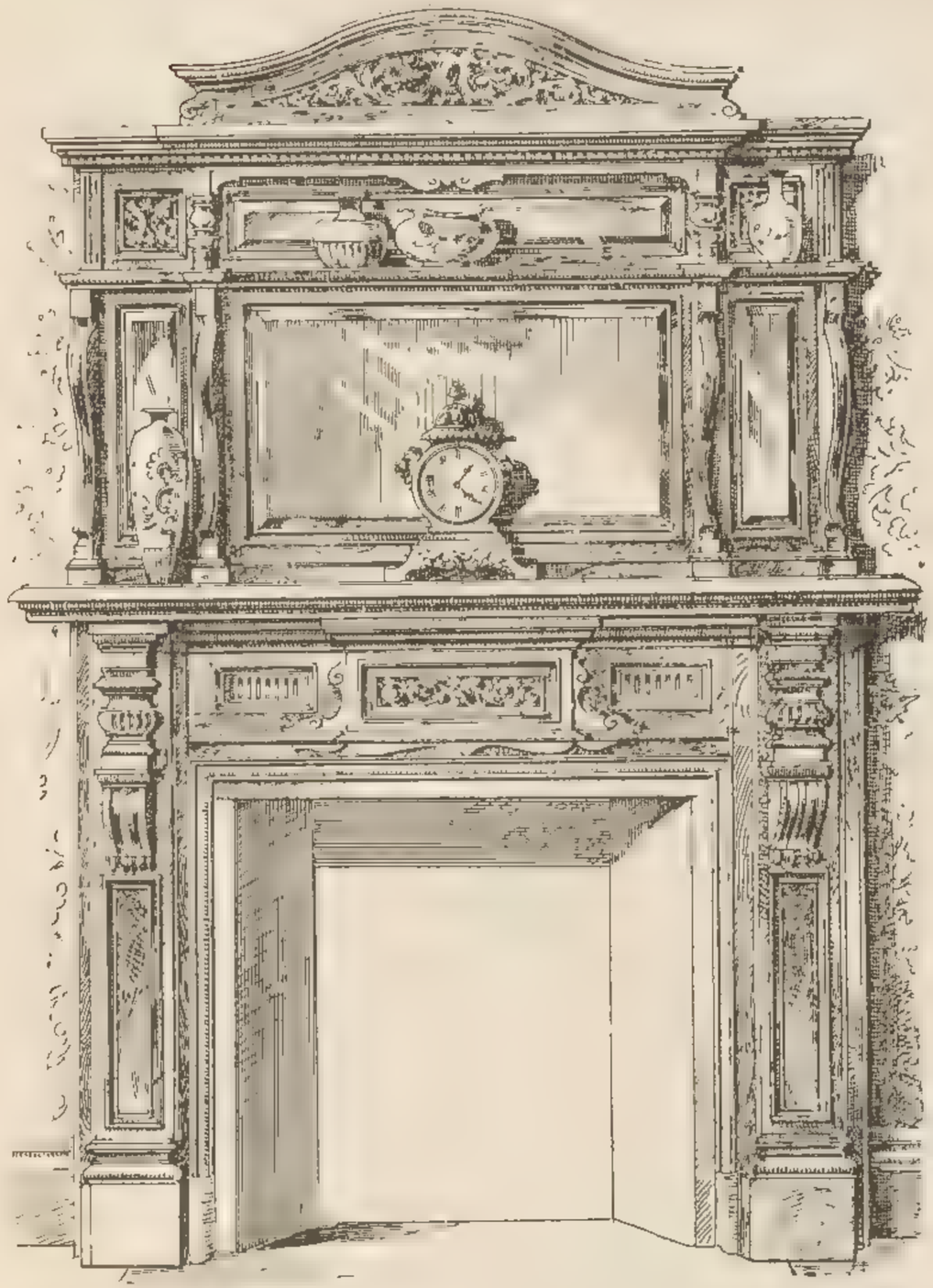
T 1019	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmante including Bevelled Glass Panels.
In Pine, primed for painting . ..	£5 12 6 ...	£6 3 0
Do. Painted three coats plain colors	£5 16 6 ..	£6 7 6
Oak, Walnut, or Mahogany, polished ..	£9 5 0 ...	£9 0 0

T 1020.	Mantelpiece only, including Black Enamelled Slate Ingrounds.	Overmante including Bevelled Glass Panels.
In Pine, primed for painting	£6 0 0	£10 7 6
Do Painted three coats, plain colors	£6 [illegible] 0	£10 12 6
Oak, Walnut, or Mahogany polished ..	£11 12 6	£14 17 6

Prices are for Openings up to 38 inch wide × 38 inch high.

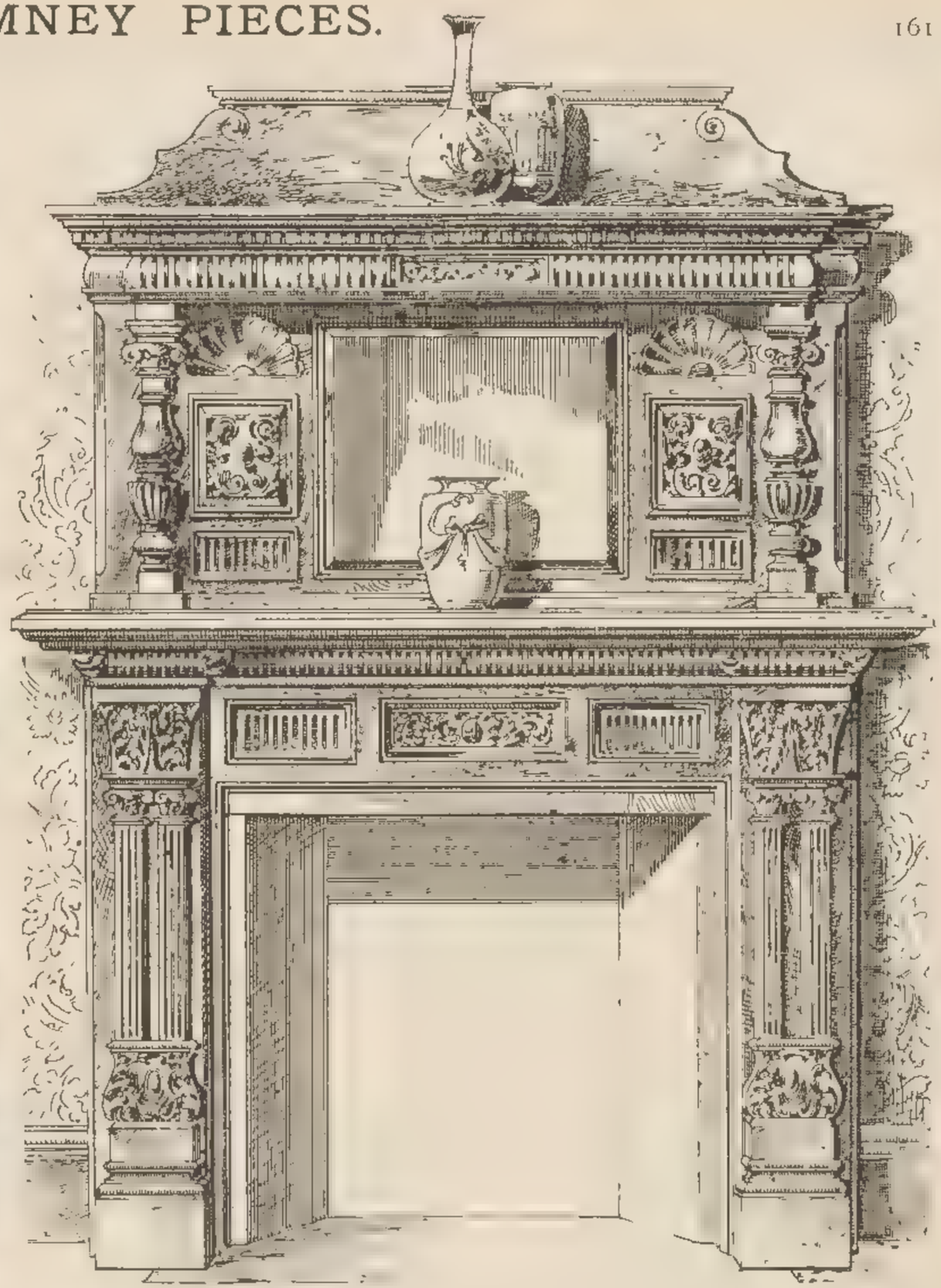
Above are with Black Enamelled Slate Ingrounds Extra cost of Marble Ingrounds on receipt of Colour required

Further details will be sent on receipt of requirements.



T 1033.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds	Overmantel including Beveled Glass Panels.
In Pine, primed for painting ..	£7 8 6	£8 15 0
Do. Painted three coats, plain colors .	£8 15 0	£9 2 6
Do. Oak, Walnut, or Mahogany polished ...	£12 0 0	£13 10 0



I 1035.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Beveled Glass Panels.
In Pine, primed for painting . .	£12 7 6	£12 0 0
Do. Painted three coats, plain colors ...	£12 15 0	£12 7 6
Do Oak, Walnut, or Mahogany polished .. .	£17 15 0	£17 0 0

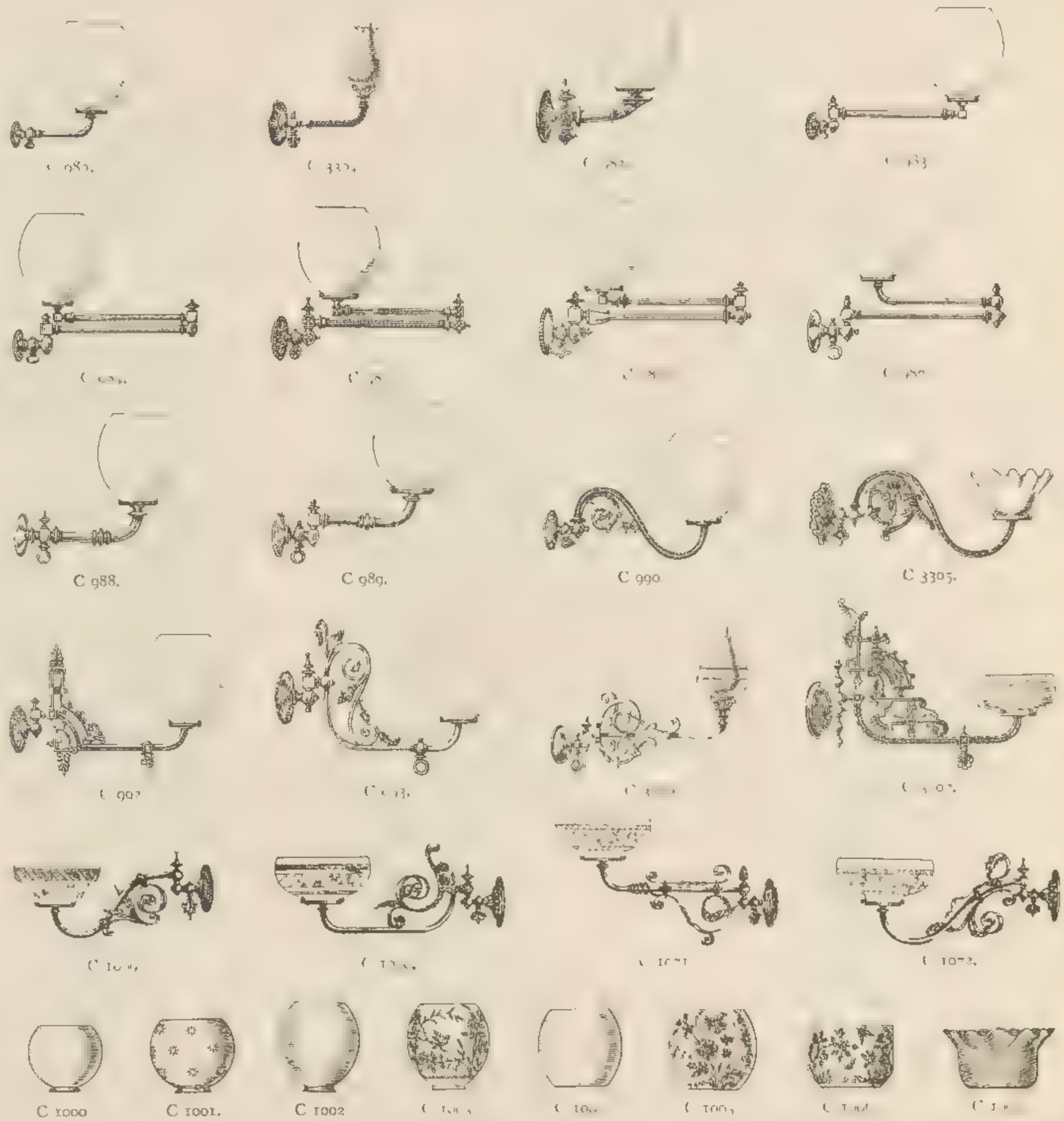
Above are with Moulded Black Enamelled Slate Ingrounds Extra cost of Marble Ingrounds on receipt of colour required Prices are for Openings up to 40 in. wide × 38 in high *Scale ¾-in. = 1 foot*

GAS BRACKETS AND GLOBES.

GAS BRACKETS.

		Each s.	d.
C 980	Lacquered or Steel Bronzed stiff, 6in × ⅜in	1	1
	Ditto 8in × ½in	1	5
C 3304	Ditto do 8in × ½in	2	6
C 982	Ditto do 6½in	7	9
C 983	Ditto to swing, 12in × ⅜in	1	3
	Ditto do 12in × ½in	1	9
	Ditto do 12in × ⅝in	2	9
C 984	Ditto double 24in × ½in × ⅜in	2	6
	Ditto do 24in × ⅜in × ½in	4	0
	Ditto do 24in × ⅜in × ⅝in	5	9
	Ditto treble 36in × ⅜in × ½in × ⅜in	6	3
	Ditto do 36in × ⅜in × ⅝in × ½in	8	9
C 985	Ditto double, 24in × ⅜in × ⅜in	6	9
	Ditto single, 14in × ½in	4	3
C 986	Ditto double 26in × ⅜in × ½in	9	9
	Ditto single, 14in × ⅜in	7	3
C 987	Polished, double, 24in × ½in × ⅜in	10	0
	Ditto single, 12in × ½in	6	6
C 988	Polished or Steel Bronzed, stiff 8in × ½in	4	0
	Polished, 10in × ⅝in	6	0
	Steel Bronzed do	5	6
	Polished, 12in × ¾in	7	6
	Steel Bronzed, do	7	0
C 989	Polished, to swing, 10in × ⅝in	8	0
	Steel Bronzed, do. do	7	6
	Polished, do. 12in × ⅝in	10	0
	Steel Bronzed do. do.	9	6
C 990	Lacquered or Steel Bronzed, do., 12in	3	6
C 3305	Ditto do, 14¾in	6	6
C 992	Ditto do, 13in	4	9
C 993	Polished, to swing, 13½in.	8	3
C 3306	Ditto do. 13in.	9	3
C 3307	Lacquered or Steel Bronzed to swing, 14¾in.	11	0
C 1069	Polished 11¾in.	11	0
C 1070	Ditto 13¾in	12	0
C 1071.	Ditto 13in.	13	0
C 1072	Ditto 13in	13	6

Measurements are to centre of Burners Globes and Burners extra



GLOBES.

		Each s.	d.
C 1000	Plain Ground Jet, clear bottom, 6½in dia. for 2⅜in fittings	0	10
C 1001	Star Jet 6½in dia. for 2⅜in fittings	1	4
C 1002	Plain Ground Pine clear bottom 6½in dia. for 2⅜in fittings	1	3
	Opal do do.	0	10
C 1003	Etched Pine 6½in dia., for 2⅜in fittings	2	3
C 1004	Plain Ground Comet, 7in dia	1	6
	Opal do do	1	0
C 1005	Etched Comet, do	2	0
C 1006	Etched Cup Comet, 6½in dia.	2	3
C 1007	Ten Point Twisted Ruby Comet	2	6

A large variety of other Patterns in Stock

Further details will be sent on receipt of requirements.

GAS BRACKETS.

				each
C 3310.— Polished or Steel Bronzed,		to swing,	11¾in	1/3
C 994 Polished	do		13in	1/
Steel Bronzed	do.		13in	1/6
C 3311 Polished or Steel Bronzed,		stiff	14in	1/
C 3312 Polished	do	to swing,	13½in	2
C 3313 Polished	do	do	15½in.	18/3
C 997 Polished	do	do	14¼in	[illegible]
C 999 Polished	do	do	16½in	[illegible]
C 3314 Polished	do	do	13½in	[illegible]
C 3315 — Polished	do	stiff,	11½in	21
C 1060 Polished	do.	to swing,	10¼in	[illegible]
C 1061 Polished	do.	stiff,	10in	[illegible]
C 3316 Polished	do	to swing,	10¼in	[illegible]
C 3317 Polished	do	stiff,	12½in	[illegible]
C 1062 Polished	do.	to swing,	12¼in,	[illegible]
C 3318 Polished	do	do	14in	[illegible]
C 1063 — Polished	do.	do	11¼in	[illegible]
C 3319 Polished	do	do	10¼in	25/
C 3320 Polished	do	do	10in	34/6
C 3321 Polished	do	do	15½in	40
C 3322 Polished	do	do	15¼in	51/6

Ebonized Blocks to suit C 3314, C 1061, 3/9 each

" " " C 3319, C 3320, C 3321, C 3322 } 4/6

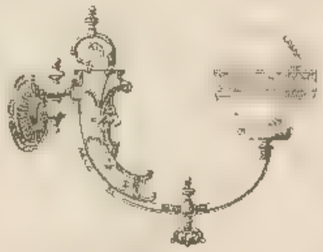
Measurements are to centre of burner

Globes and burners extra

C 3310.

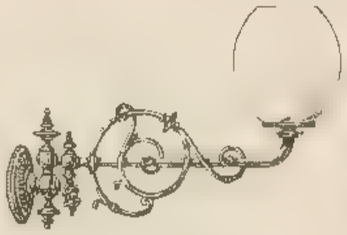
C 994

C 3311


C 3312

C 3313

[illegible]


[illegible]

C 3314

C 3315

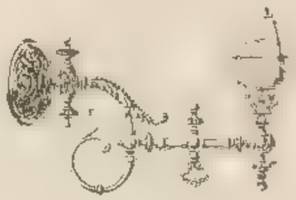
[illegible]

C 1061

C 3316

C 3317.

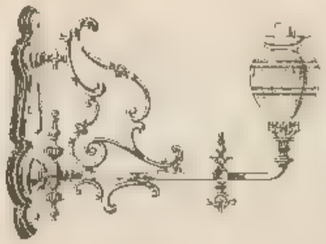
C 1062


C 3318

[illegible]

[illegible]

[illegible]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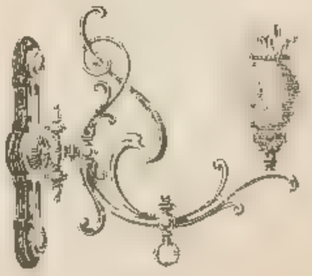

[illegible]

Further details will be sent on receipt of requirements.

Wrought Iron Gas Fittings with Polished Copper Mounts.

T 1080 10/9 each.

T 1083.—All Iron, 15/- each.

T 1084 18/6 each.

T 1085 —23/- each

T 1081. 9/- each

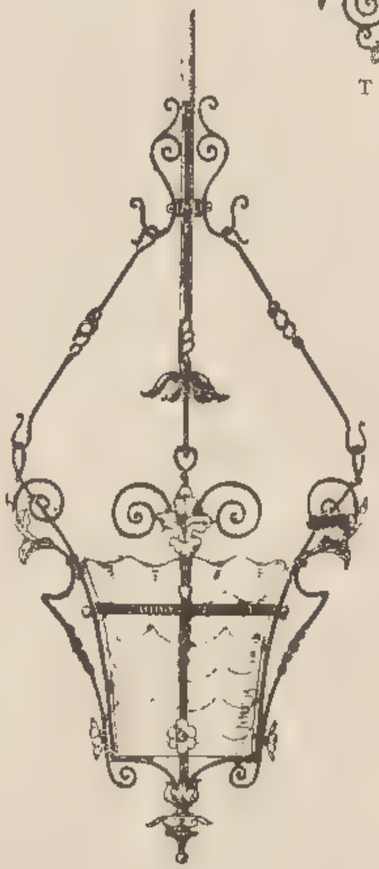
T 1082 24/6 each

T 1086 —22 6 each

T 1087 -15/ each.

T 1088 12/9 each

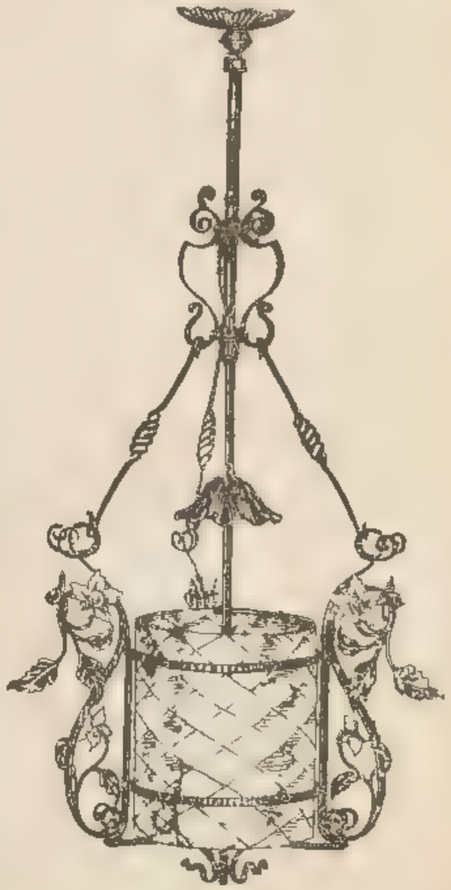
T 1089 —33/6 each.



T 1090 —63/- each

T 1091 3 light, 87/6, 5 light, 127/6 each

T 1092.—26/6 each

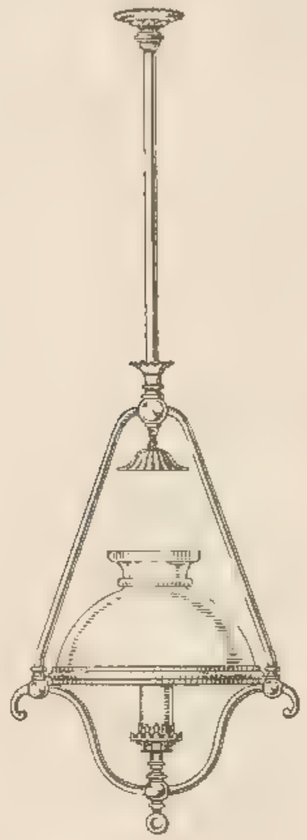


T 1093 70/- each

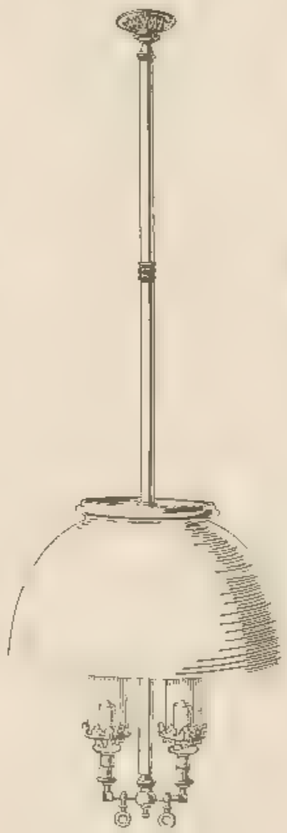
Illustrations are about one-twelfth full size. *Prices of Chandeliers and Brackets do not include Globes and Burners, but prices of Hall Lamps include Clear Glasses. Amber, Opalescent, or Ruby, 2/- to 5/- extra.*

PENDANTS FOR INCANDESCENT BURNERS.

C 3331

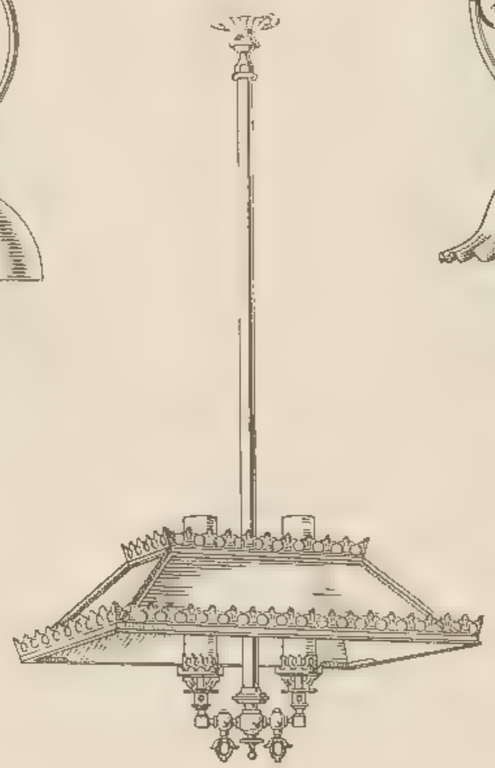


C 3328.



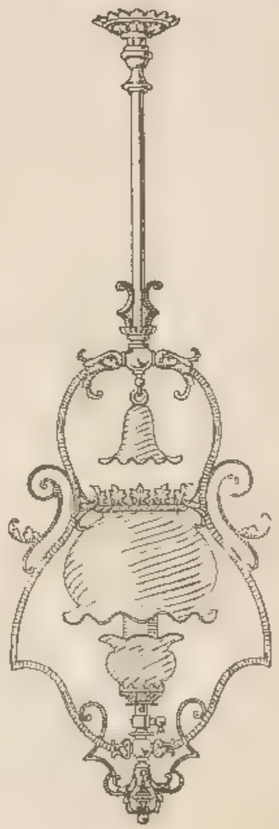
C 3332

C 3329



C 3333

C 3330



C 3334

C 3328.—Lacquered or Steel Bronzed, 12 inch opal shade, 4 ft long							12,- each
C 3329 –	Do.	do	16	,,	,,	4 ft 6 in long, 1 light .	17/ ,,
,,	Do.	do	16	,,	,,	,, ,, 2 ,, ..	21/6 ,,
C 3330	Do.	do	16	,,	,,	,, ,, 1 ,, ..	29/6 ,,
,,	Do	do.	16	,,	,,	,, ,, 2 ,, ...	32/ ,,
C 3331	Polished or	do.	16	,,	opalescent shade and eye screen, 4 ft long, 1 light		41/-

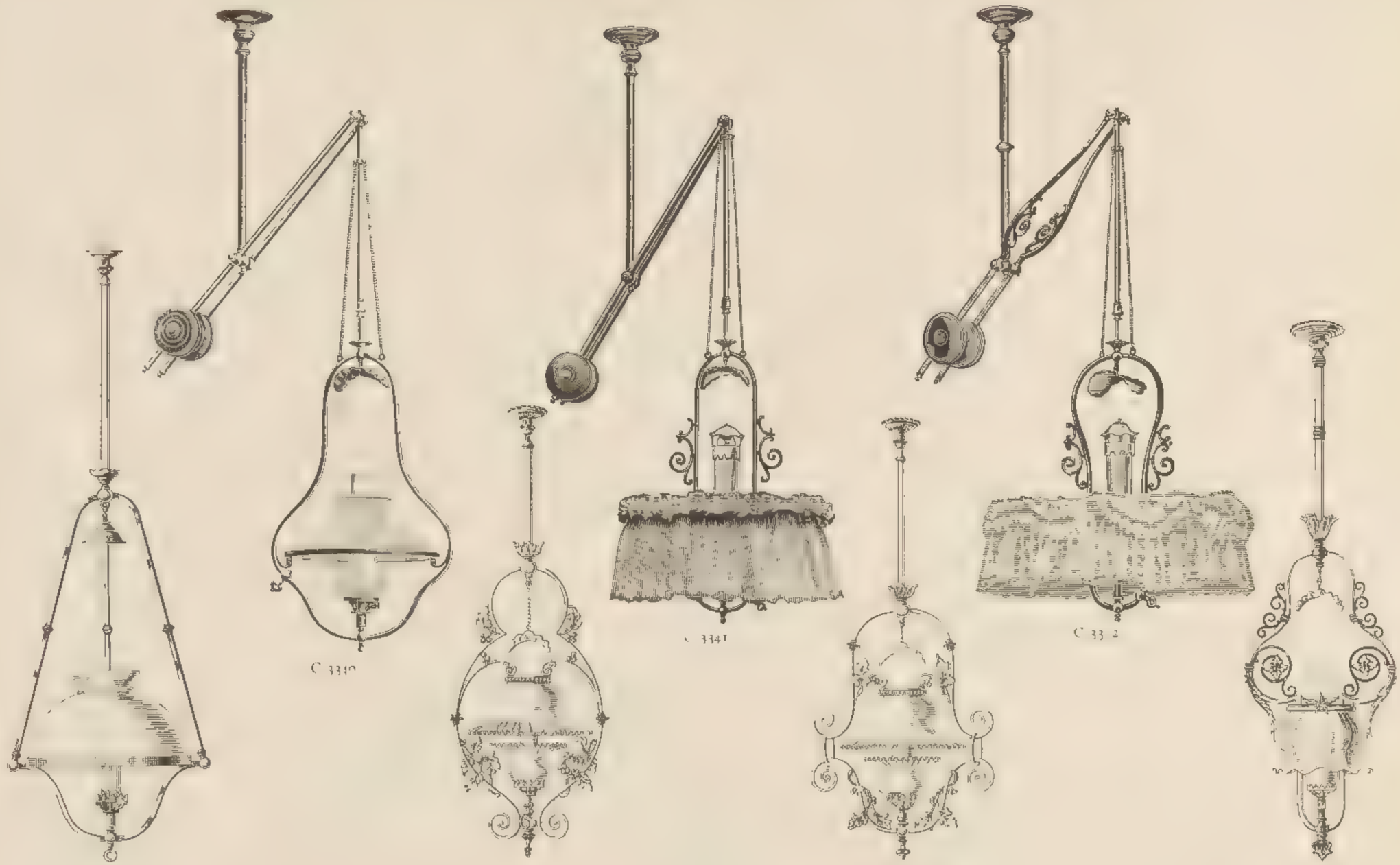
C 3332	Polished or Steel Bronzed, 16 inch opal shade, 4 ft. 6 in long, 2 light						21/ each
,,	Do.	do.	16	,,	,, . ,,	3 ,,	23
C 3333	Do	do			,, ,, ,,	2 ,,	26 9 ,,
,,	Do	do			,, ,, ,,	3 ,,	28/6 ,,
C 3334.	Do	do.	9 inch etched shaded, Aurora shade and eye screen, 4 ft long, 1 light				60/- ,,

Burners and Chimneys extra

Lengths given are stock lengths. Shorter lengths same price longer lengths extra

Further details will be sent on receipt of requirements.

PENDANTS FOR INCANDESCENT BURNERS.



C 3343. C 3340 C 3341 C 3342 C 3345 C 3346.

C 3340	Polished,	12 in. opal shade and eye screen	53 -	each.
"	Steel Bronzed,	ditto ditto	43/	"
C 3341	Polished	14 in. silk shade	64 -	"
"	Steel Bronzed	ditto	52/	"
C 3342.	Polished,	19 in. cotton, silk and lace shade	75/6	"
"	Steel Bronzed,	ditto ditto	66/-	"

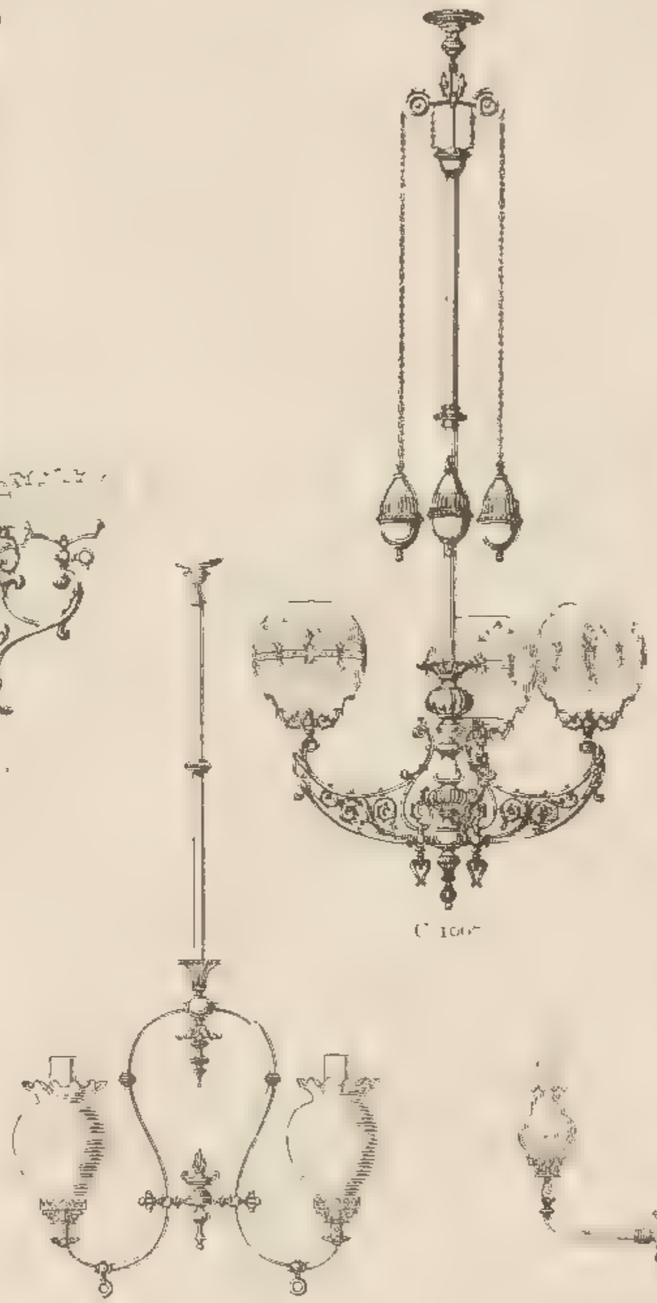
C 3343	Lacquered or Steel Bronzed, 12 in. opal shade 4 feet 6 inches long	30	each
"	Ditto ditto 14 in ditto ditto "	33 6	
C 3344.—Polished or	ditto 11 in. shaded, ruby shade and eye screen 4 feet long	38 6	
C 3345.	Ditto ditto ditto ditto	46 -	
C 3346.	Ditto 10 in. shaded, opalescent shade and eye screen, 4 feet 6 inches long	46 -	

Burners and Chimneys extra. Lengths given are stock lengths; shorter lengths same price longer lengths extra

Further details will be sent on receipt of requirements.

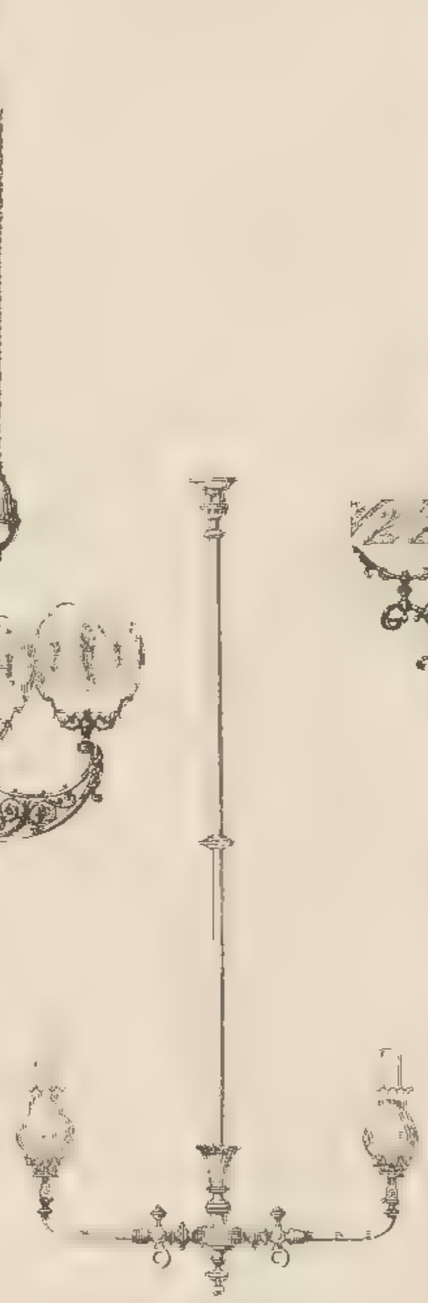
C 1067

C 3352.

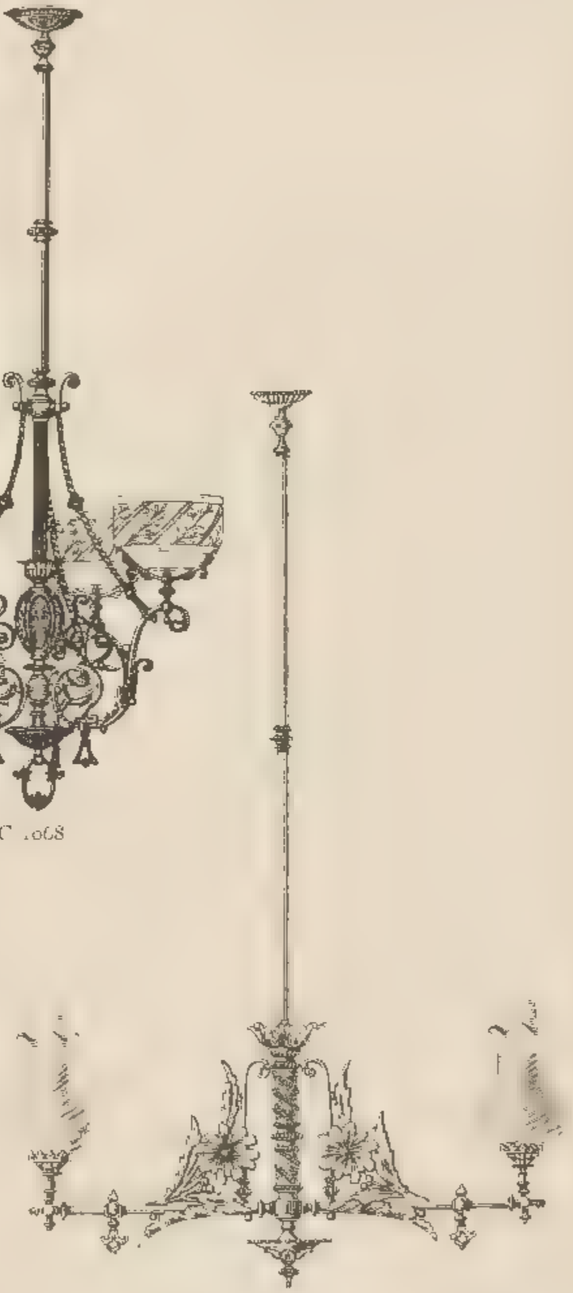


C 1066

C 3351.



C 3350.



C 1068

C 3353.

C 1066	—Polished or Steel Bronzed,	4 feet 6 inches long,	3 light	.. .. ..	106/-	each
C 1067	– Do do	4 ,, 6 ,,	3 ,,	... .	127/6	,,
,,	Do do.	5 ,, 0 ,,	5 ,,	... .. .	192/6	,,
C 1068	– Do. do	4 ,, 6 ,,	3 ,,	... . ..	127/6	,,

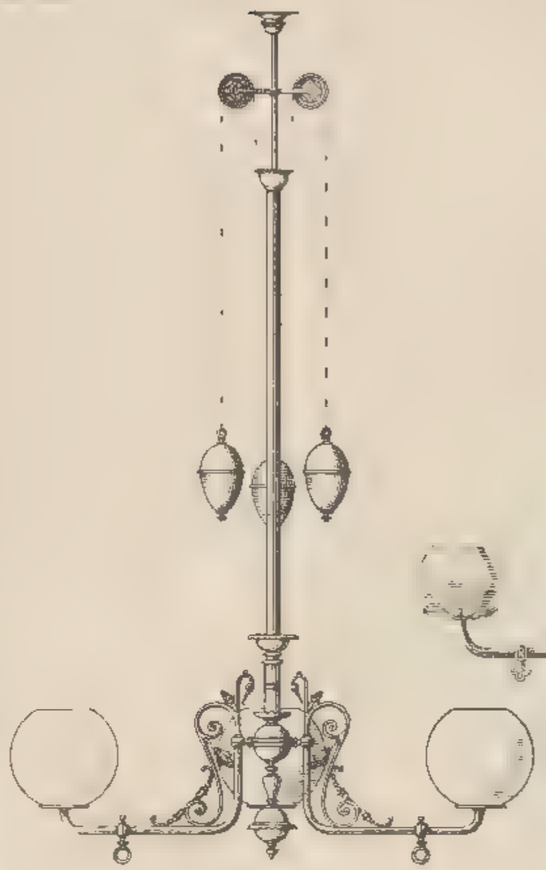
C 3350.	Polished,	4 feet 6 inches long,	2 light	. ...	25/-	each
,,	Steel Bronzed	4 ,, 6 ,,	2 ,,	.	22 6	,,
C 3351.	Polished or Steel Bronzed,	4 ,, 0	2 ,		33,6	,,
C 3352.	– Do. do.	4 ,, 6	2 ,,	.	64/6	,,
C 3353	—Polished with Steel Bronzed ornaments,	4 ,, 6 ,,	2 ,,	.	58 -	,,

Burners and Glasses extra

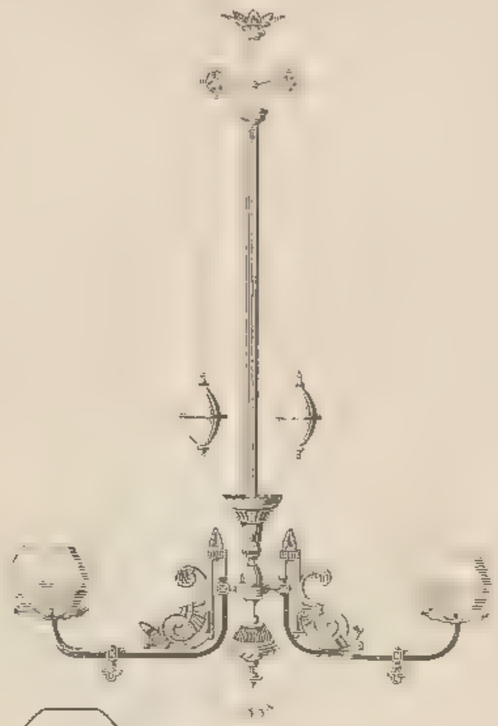
Lengths given are Stock Lengths; shorter lengths same price, longer lengths extra

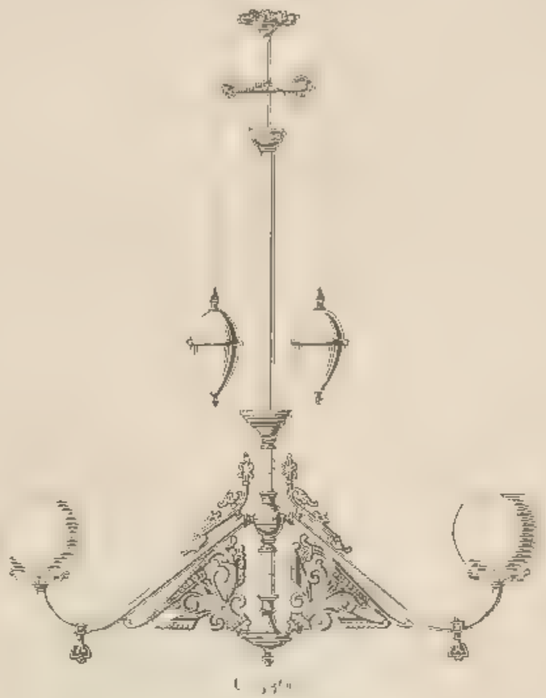
Further details will be sent on receipt of requirements.

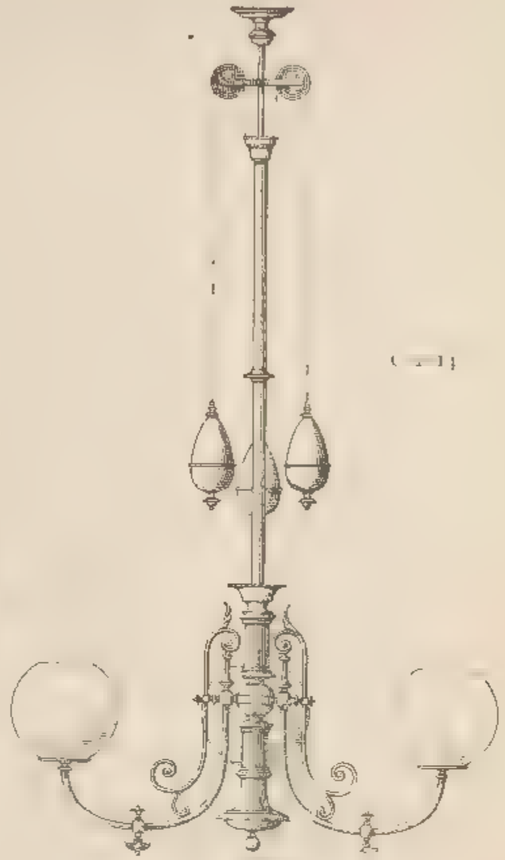
GAS CHANDELIERS.



C 1011



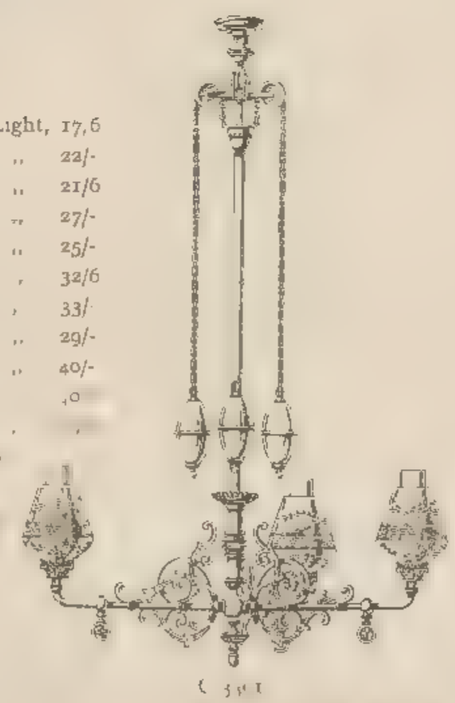




C 3358	—Lacquered or Steel Bronzed,	4 ft	long,	2	Light,	17/6
	Ditto	ditto	ditto	3	,,	22/-
C 3359	Ditto	ditto	ditto	2	,,	21/6
	Ditto	ditto	ditto	3	,,	27/-
C 3360	Ditto	ditto	ditto	2	,,	25/-
	Ditto	ditto	ditto	3	,,	32/6
C 1011.	Polished or Steel Bronzed,	4 ft.	long,	3	,,	33/-
C 3361	Ditto	ditto	4 ft 6 in	,,	2	,, 29/-
	Ditto	ditto	4 ft 6 in	,,	3	,, 40/-
C 3362	Ditto	ditto	4 ft,	,,	2	,, [illegible]
	Ditto	ditto	4 ft. 6 in	,,	3	,, [illegible]
C 1014	Polished, 4 ft 6 in long, 3 Light					[illegible]
	Steel Bronzed, 4 ft 6 in long 3 Light					[illegible]
C 1014	—Polished, 5 ft, long, 5 Light					17/6
	Steel Bronzed, 5 ft long, 5 Light					1[illegible]0

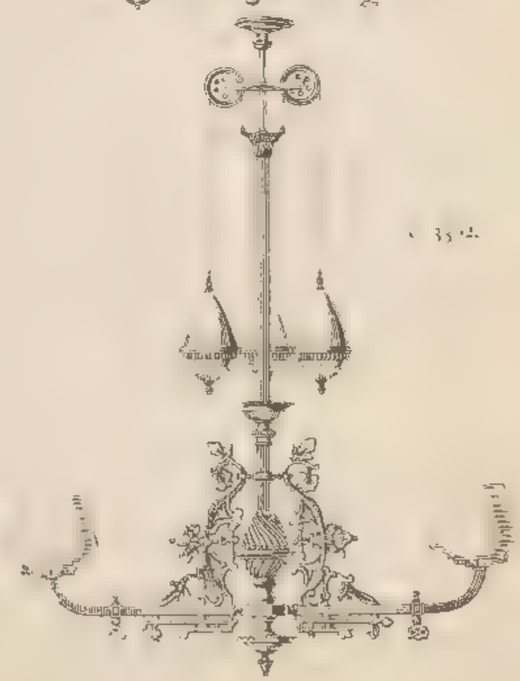
Burners and Glasses extra.

Lengths given are stock lengths, shorter lengths same price, longer lengths extra.



C 3361

C 3362



C 3363

Further details will be sent on receipt of requirements

GAS CHANDELIERS.

C 3368.

C 3369

C 3370.

C 3371

C 3365	Polished or Steel Bronzed	4 feet 6 inches long	3 light	...	..	61/- each
	Do	do.	5 ,,		,, 5 ,,	..	...	112 6 ,,
C 3366	Do	do	4 ,,	6 inches	,, 3 ,,	..	..	51/- ,
,	Do	do.	5 ,,		,, 5 ,,	,	...	84/ ,,
C 33[illegible]	Do	do	4 ,,	6 inches	,, 3 ,,	..	..	78,6 ,,
,,	Do	do.	5 ,,		,, 5 ,,	.	.	127/6 ,,
C 3369	D[illegible]	do	4 ,,	6 inches	,, 3 ,			87 6 ,,

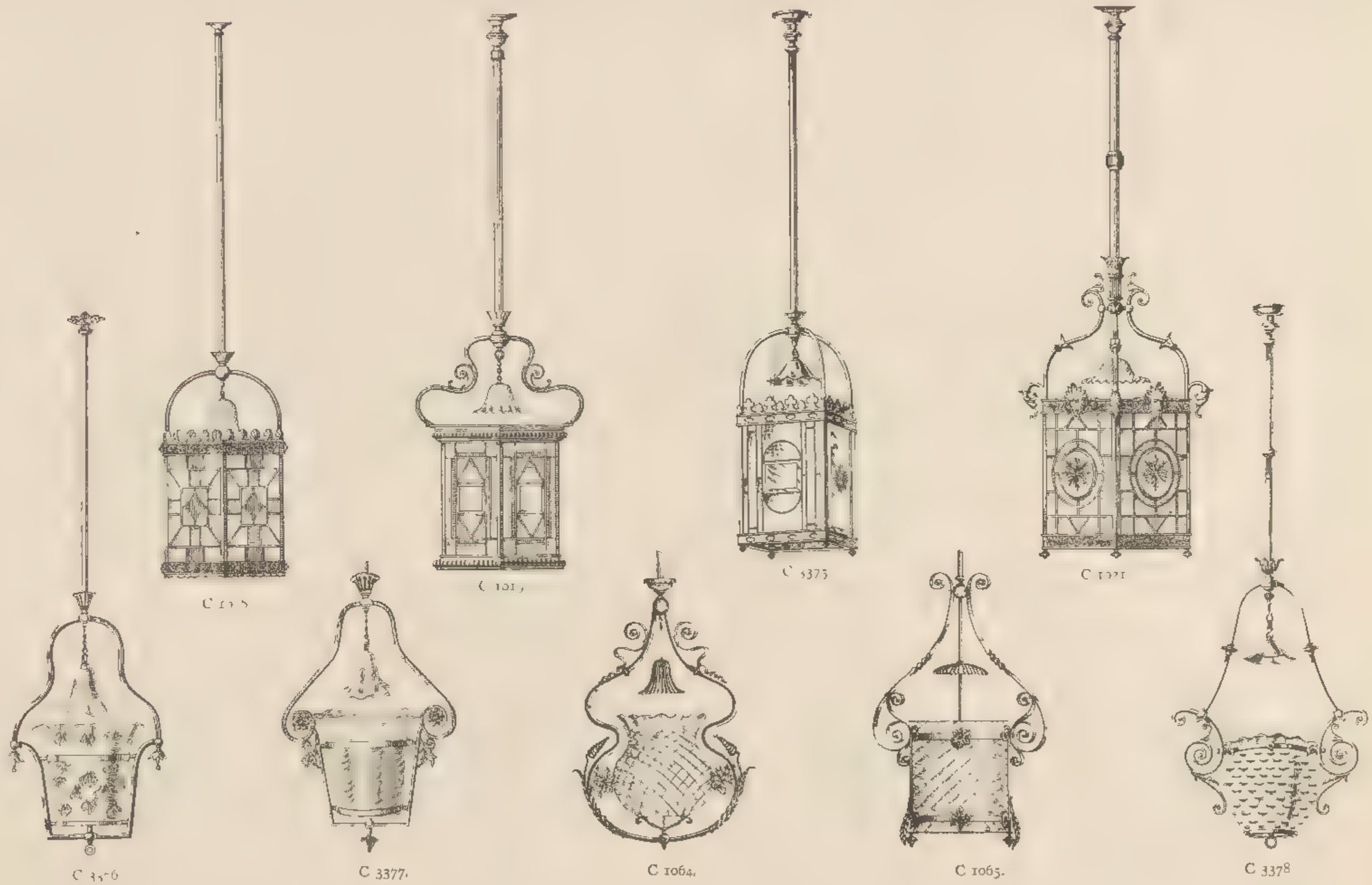
Burners and Glasses extra

C 3368 —	Polished or Steel Bronzed,	5 feet		long,	5 light	...	...	140,- each.
C 3369 —	Do	do	4 ,,	6 inches	,, 3 ,,	...	.	100/-
,,	Do	do	5 ,		, ,,			1[illegible]
C 3370 —	Do	do	4 ,	6 inches	3			1[illegible]
,,	Do	do	5 ,		5			177 [illegible]
C 3371. —	Do	do.	4	6 inches	3 ,			138 [illegible]
	Do	do	5 ,,		,, 5 ,,			210

Lengths given are stock lengths; shorter lengths same price, longer lengths extra

Further details will be sent on receipt of requirements.

HALL LAMPS.

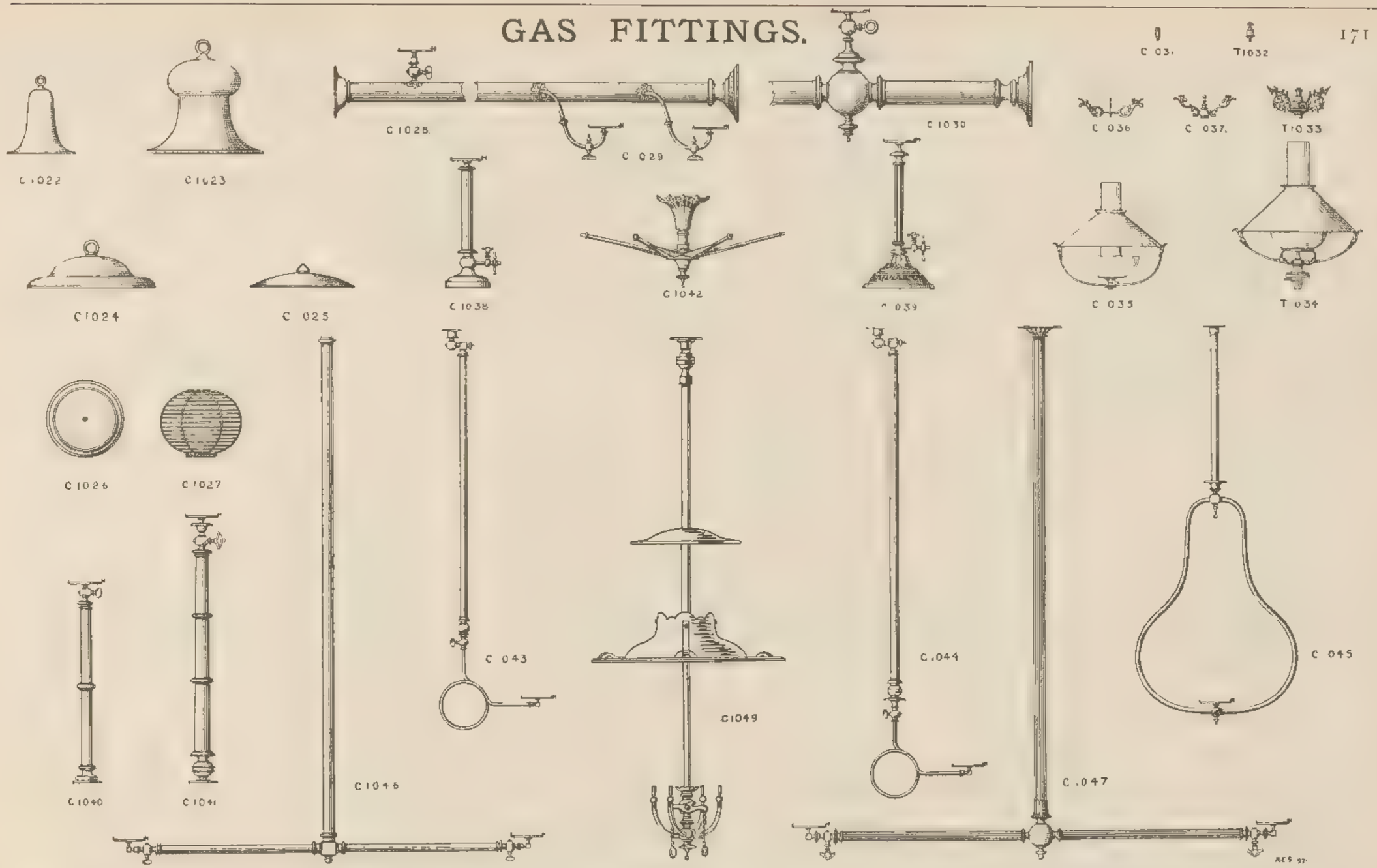


C 1018	—Polished, with Cathedral glass, stiff top,			3 ft 6 in long	× 7½ in square	17 6	each	C 3376 —Polished, with coloured glass cylinder, cup and ball joint, 4 ft long	23/- each
C 1019	— Do	do	cup and ball joint,	4 ft ,,	× 7½ in ,,	32/-	,,	C 3377. Do do do do do ...	32/- ,,
C 3375.	Do	do	do	4 ft. ,,	× 8½ in. ,,	38/6	,,	C 1064.— Do do do do do	36/6 ,,
,,	Do	with bevelled glass and star,	do	4 ft ,,	× 8½ in ,,	44 9	,,	C 1065 — Do do. do do do .	41/6 ,,
C 1021	Do	with Cathedral glass	do	4 ft 6 in. ,,	× 9 in. ,,	75 6	,,	C 3378 Do do do do do ...	53/9 ,,

Lengths given are Stock Lengths; shorter lengths same price, longer lengths extra

Further details will be sent on receipt of requirements.

GAS FITTINGS.



		£	s.	d.
C 1022	Taper glass consumer, 4 in. & 6 in. dia. each	0	[illegible]	8
C 1023	Bell ,, ,, 8 in. by 10 in. dia.	0	1	[illegible]
C 1024	Glass ceiling plates, 10 in. 1/3, 12 in. dia.	0	1	1[illegible]
C 1025.	Tin ,, ,, 9 in. 1/-, 12 in. dia.	0	1	3
	Enamelled ,, 8 in. 1/3, 10 in. 1/9, 12 in. dia. each	0	2	9
C 1026	Stained mahogany gas blocks: Plain 3½ in. 4 in. 4½ in. 5 in. 6 in. dia. 1/7 1/[illegible] 2/- 2/4 3/- per doz. 2d. 2½d. 2¾d. 3d. 4d. each. Grooved or ebonized 3d. per dozen extra.			
C 1027	Galvanized wire gas globes, 8 in. dia., for 2⅝ in. fittings	[illegible]	1	[illegible]
C 1028.—	Polished brass gas rails, with 2 lights, 6 ft. long by 1½ in. dia.	1	11	6
	Longer 3/- per ft. extra. Extra lights, 2/1 each			
C 1028.—	Ditto, 6 ft. long by 2 in. dia. with 2 lights	2	1	0
	Longer 3/9 ft. extra. Extra lights, 2/1 each			
C 1029.	Ditto, 6 ft. long by 1½ in. dia., with 2 lights	2	1	0
	Longer 3/- ft. extra. Extra lights, 5/9 each.			
	Ditto, ditto, 6 ft. long by 2 in. dia.	2	11	0
	Longer 3/9 ft. extra. Extra lights, 5/9 each			
C 1030.—	Ditto, 6 ft. long by 2 in. dia., with 2 lights	4	1	
	Longer 3/9 ft. extra. Extra lights, 20/6 each			
C 1031.—	Bray's *special* burners, 1/9 per doz. each	[illegible]	[illegible]	2½
	For price of cheaper burners see page 56			
T 1032	Sugg's steatite float governor burners table top as drawn each	[illegible]	1	8
	Ditto, ditto, hollow top ,,	[illegible]	1	6
	Ditto ditto, without governor ,,	0	[illegible]	
T 1033	Sugg's Christiania governor burners, Britannia metal, gilt, silver, or bronzed	0	4	0
T 1034.—	Sugg's London Argand burner with diaphragm governor, shade, &c., complete	0	15	11
C 1035	Regulating Argand burner with shade, &c.	0	[illegible]	[illegible]
C 1036	Lacquered comet holder 4/6 doz. each	[illegible]	[illegible]	[illegible]
C 1037.	Best polished or steel bronzed ditto ,,	[illegible]	1	9
C 1038	Steel bronzed portable gas standard 12in. high	0	1[illegible]	[illegible]
C 1039	Ditto, ditto, 14 in. ,,	0	12	6
C 1040.—	Steel bronzed counter or desk pillar, light 24 in. high by 1 in. dia.	[illegible]	11	0
C 1041.—	Ditto, ditto, taper tube 24 in. high	0	14	6
C 1042	Lacquered or steel bronzed star light bodies with taps 6 8 10 12 light 15/- 18/6 20/6 22/6 each			
C 1043.	Steel bronzed stuffing box pendant with swing top 30in., 36in., 42in. long by ⅝in. dia.	0	4	[illegible]
C 1044.—	Ditto, ditto, 42 in. long by ¾ in. dia.	0	7	3
C 1045	Steel bronzed harp light, stiff top 36 in. long, ¾ in. by ⅜ in. tubes ,,	[illegible]	7	6
	Ditto, 42 in. long, ¾ in. by ⅜ in. tubes	[illegible]	13	6
C 1046	Steel bronzed tee pendant stiff top 2in. long by 36in. burner to burner, ¾in. by ⅝in. tubes	[illegible]	11	3
	48in. ,, ,, 36in. ,, ,, 1in. ,, ¾in. ,,	[illegible]	1[illegible]	0
	48in. ,, 36in. ,, ,, 1¼in. ,, 1in. ,,	[illegible]	[illegible]	0
C 1047	Ditto, reeded tube ditto 48in. long by 36in. burner to burner, 1in. by ¾in. ,,	1	3	[illegible]
	48in. ,, ,, 36in. ,, ,, 1¼in. ,, 1in. ,,	1	13	0
	C 1046 or C 1047 fitted with cup and ball joint, from 2/- to 3/6 each extra			
C 1049.—	Shade light 4 ft. long, cup and ball joint, with top smoke shade and china reflector—			

Sizes	14	16	18	20	22	[illegible]
No. of burners ...	2	3	4	4	6	8
Price	19/6	22/3	25/6	29/3	42/3	49/9

If without top smoke shade, 1/6 to 2/9 less.

Further details and designs will be sent on receipt of requirements.

INCANDESCENT GAS BURNERS, SHADES, &c.

T 3380.
35 Candle Power or Gem size ... 5/6 each.
Ditto, with Bye Pass ... ... 7/- ,,

T 3381
60 Candle Power . . . 6/6 each
Ditto, with Governor ... .. 8/- ,,

T 3383
60 Candle Power with Bye Pass 7/6 each
Ditto, with Governor . ... 9/- ,,

T 3384
60 Candle Power with Bye Pass } 9/ each.
Lever and Chains ... ...
Ditto, with Governor .. . 10/6 ,,

CHIMNEYS FOR ABOVE.

C 3386
Straight White glass, 8 in , 5d each
,, ,, ,, 9 in , 5d. ,,
,, Pink, Ruby, or } 9d ,,
Aurora 9 in

T 3387
Fire Proof Jena White } 8d each
Glass, 9 in . .

C 3388.
Mica, 6 in ... ... 10d. each.
,, 8 in . . 1/- ,,
,, 9 in ... . . 1/2 ,

C 3389
White Glass, Gem size, 4d each

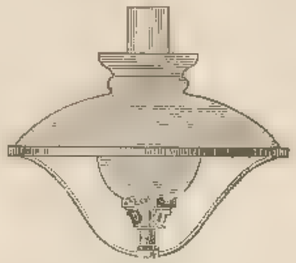
C 3390
Mica, Gem size ... ... 1/1 each.

SHADES FOR GEM BURNERS.

C 3391
Iced White, 1/6 each.
Salmon Tinted, 2/ each

C 3392.
Etched White, 2/- each.

C 3393
Bottle Lighter, 1/ each.



C 3394
Opal Cosmos Shade Holder
and Cup 3/6
Pink ditto, Twisted Cup 5/-

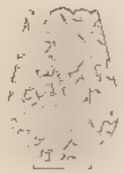
C 3395
Mica Top, 6d each

SHADES FOR GEM BURNERS.

C 3396.
Pale Rose, obscured,
2/ each.

C 3397
Ruby Tinted, 2/3 each.

SHADES FOR 60 CANDLE POWER BURNERS.



C 3398
Iced White 1/6 each.
Pink, 2/ each

C 3399
Opal Top and Clear Bottom,
1/8 each

C 3400.
White, 1/9 each
Aurora Tinted 2/3 each

C 3401.
White, 2/- each
Aurora Tinted, 2/9 each.

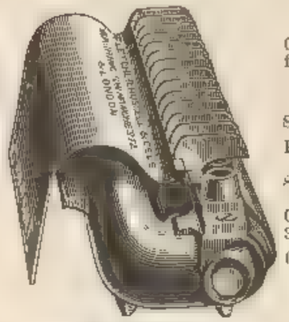
C 3402
Etched White 3/- each
Brown Tinted, 3/6 each

C 3403.
Etched White, 2/6 each.
Ruby Tinted, 3/- each

C 3404
Etched White, 3/9 each

Further designs will be sent on receipt of requirements.

GAS COOKING AND WARMING STOVES, Etc.



C 3408. New Patent Burners for Ordinary Fire Grates, curved or straight pattern as drawn

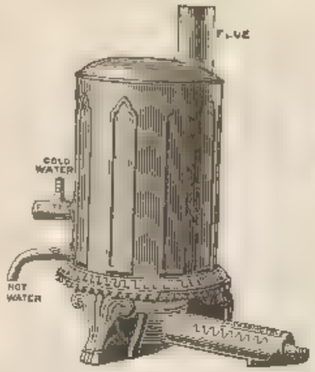
Extreme length over all,
8 in., 10 in., 12 in., 14 in., 16 in.

Price New Patent Non-Lighting Back Burner,
8/- 9/- 9/6 10/- 11/-

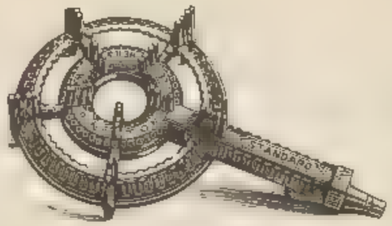
C 3409.—Old Pattern—
3/6 4/- 4/6 5/- 5/-

Clear bore gas supply required
½ in. 1 ¼ in.

C 3411. Cross Tube Boiler, 34 and 48 [illegible] small size will heat up to 40 ft. [illegible] pipe, and the large size up to 100 ft., 4 inch pipe

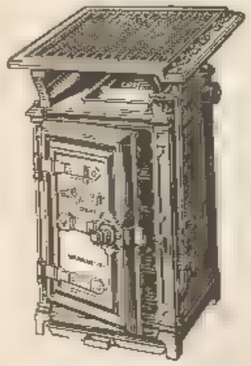


C 3417. Instantaneous Water Heater for Baths. Small size, price 43/-, to heat 1 gallon per minute, from 60° to 105°. Requires a ½ in. Clear Bore Gas Supply Pipe. Large size, price 70/-, to heat 2 gallons per minute, from 60° to 105°. Requires a ¾ in. Clear Bore Gas Supply Pipe.

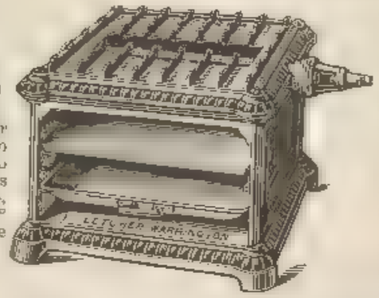


C 3412.—Boiling Burner. Diameter across support for vessels, 5½: 1 10/-, 7 in., 2/6; 8 in., 3/9; 10 in., 1/6

C 3413. Twin Burner, 14 ins. long, 7/6, and 18 ins. long, 9/-. Will boil either one or two pans at once.



C 3416. Boiler and Griller, with Patent Reversible Burner, will boil and grill simultaneously, 11½ in. × 10 in. × 9 in. high, 10/6; 1½ ft. × 1½ ft. × 9 in., 1/6. If with doors 1/- extra.



C 3414.—Hot Plate, 2 Double Concentric Burners & 1 [illegible] 22/6. Size 22 in. wide, 13 in. back to front, 3¾ in. high.

C 3415. Hot Plate, 3 Burners, 2 [illegible] and 1 Tri[illegible] Con[illegible] 8/-. Size 33 in. wide, 13 in. back to front.

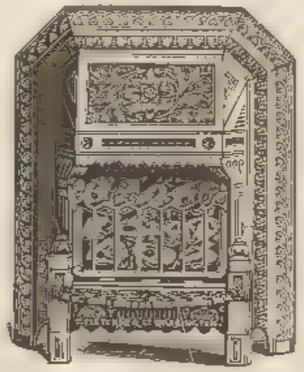
C 3417. Cooking Range.

Over All. Inches.	Inside Oven. Inches.	Plain. £ s. d.	Enamelled. £ s. d.
14 × 14 × 21	11 × 10 × 15	1 17 6	—
16 × 15 × 30	11 × 10 × 18	2 10 0	—
16 × 15 × 30	11 × 10 × 18	3 2 0	—
18½ × 16 × 31	11 × 12 × 19	4 0 0	4 16 0
18½ × 16 × 31	11 × 12 × 19	3 0 0	—
18½ × 16 × 31	11 × 12 × 19	3 15 0	—
20 × 19 × 35	12 × 12 × 21	4 18 0	5 14 0
23 × 22 × 37	13½ × 13½ × 24	6 0 0	6 17 0
25 × 25 × 37	15½ × 15½ × 24	7 0 0	8 0 0
30½ × 25 × 37	18 × 18 × 24	8 10 0	9 14 0
1 × 25 × 42	21 × 21 × 27	13 10 0	15 2 0

C 3418. 11/6. For rooms 11 ft. square. Ditto, larger, for rooms 14 ft. square, 13/-. This pattern is sent out with ball fire as C 3419.

C 3419. 21/-. Trivet, 2/- extra. Fender, 7/- extra. For rooms 14 feet square.

C 3420. With Trivet and Fender complete, 33/-. For rooms 14 feet square.

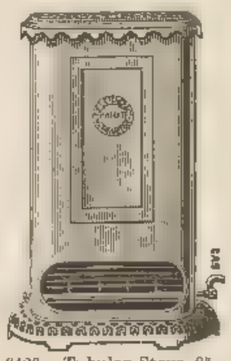


C 3421.—24/-. Minton's Tiles in Canopy, 1/6 extra. Trivet Shelf, 2/- extra. For rooms 14 feet square.

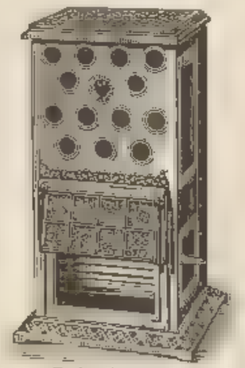
3422. 35/-. Tile in Canopy as Engraved, 3/6 extra. Trivet Shelf, 2/- extra. For rooms 16 ft. square.

C 3423. New "Register" Fire. For rooms up to 20 feet square. Price, 40/-. Smaller size, for rooms up to 16 ft. square, 27/6. Trivet Shelf 2/- extra.

C 3424. New Tubular Stove. Price with Governor, 32/-, without Governor, 30/-. For rooms up to 12 ft. square.
C 3425.—Larger pattern, double tubes. Price, with Governor, 42/-, without Governor, 40/-. For rooms up to 12 ft. square.



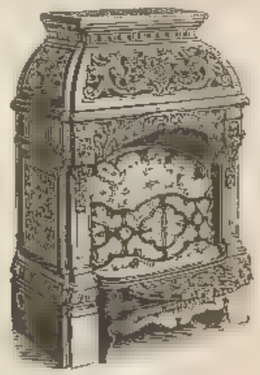
C 3426. Tubular Stove, 25/-. For rooms up to 18 ft. square.



C 3427. Ruby Square Stove, for offices, shops, &c. For rooms up to about 20 ft. square. Price, in iron, 57/6, in copper, 110/6.

C 3428. New Radiant Stove, with or without Flue. Price [illegible]. Boiling Burner on top, 7/6 extra, without taps. Tile panels at sides from 10/- extra. Fender, 7/6 extra. For rooms up to 20 ft. extra.

3429. New "Register" Gas Fire. Price 32/-. For rooms up to 20 ft. square.

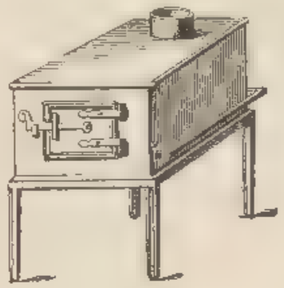


C 3430. New "Register" Fire. For rooms up to 20 ft. square, 66/-. Small size for rooms up to 16 ft. square, 52/-. Trivet Shelf, 2/- extra.

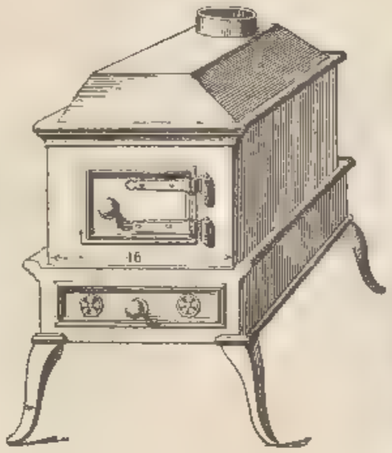
Further details and designs will be sent on receipt of requirements.

LAUNDRY, HARNESS ROOM, AND HEATING STOVES

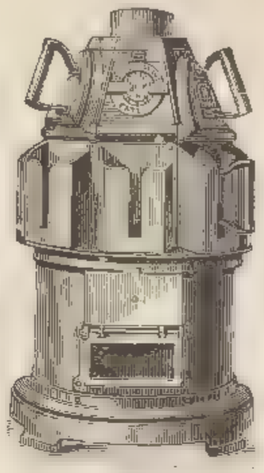
C 341.—Laundry Stove
Size No 1 2 3
Size of body
10 × 8 11½ × 9 13½ × 10 in
With legs—
10/- 13 6 16/3 each
Without do —
9/- 12/3 15/- ,,

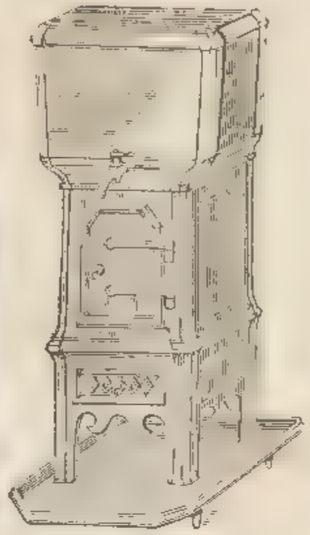


Size No. 4 5
Size of body 15 × 11½ 17 × 12½ in
With legs 19/- 26/6 each
Without do 17/9 25/6 ,,
Outlets at back or top.



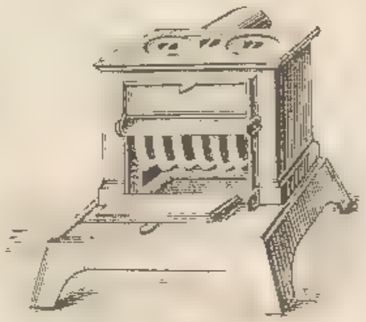
C 342 —Laundry Stove, with inside protecting plates.
Size No. 2 3 4
Size of body { 12 × 15 14 × 17 16 × 22 in
42/ 56/9 82/6 each.



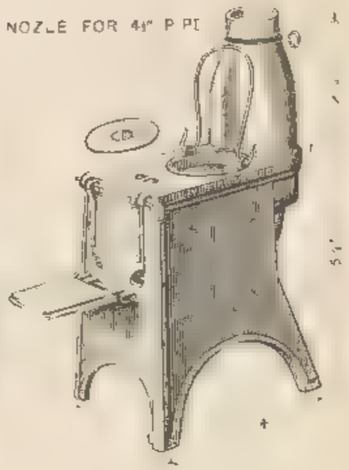


C 343 —Tortoise Laundry Stove.
Size No. 1 2 3 4 5
Height 21 28 29 31 40 inch
Takes 5 10 14 22 28 irons
17/6 30/- 42, 50/- 60/- each.
Ashes pan sent with Nos 1, 2 and 3 only.

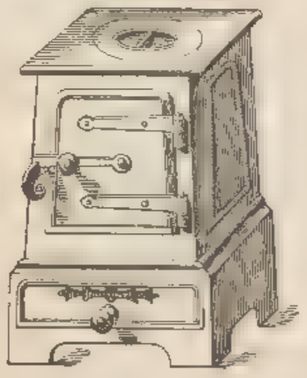
C 344 Harness Room Stove, with boiler and brass tap, inside protecting plates
Sizes 39 in high × 12½ in. square in body of stove
62/6 each



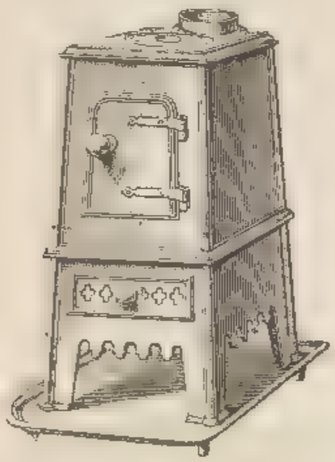
C 345 Joiner's Stove
Sizes—18 in high, base 18 in. wide × 20½ in. deep
40/- each



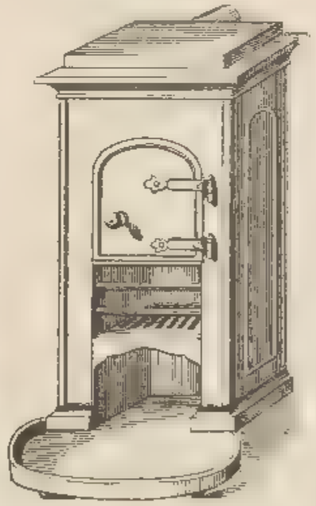
C 346. —Plumber's Stove, with valve, plumber's pot, and S hook
28/ each



C 347.—Strong Shop Stove
Size No 1 2 2½ 3
18 19½ 23½ 28 in. high
Base 11½ 12 14 17 in. square.
18/6 21/6 30/- 40/ each.
With vertical or horizontal outlet



C 348.—Light Dumpy Stove.
Size No. 1 2 3 4 5
17½ 19½ 21½ 23½ 25½ in high
Bodies 6½ 8 9 10 11 in square
6/9 8/9 13/3 16/9 19/- each.
Outlets at back or top.
Fire brick lining to sizes 3, 4 and 5



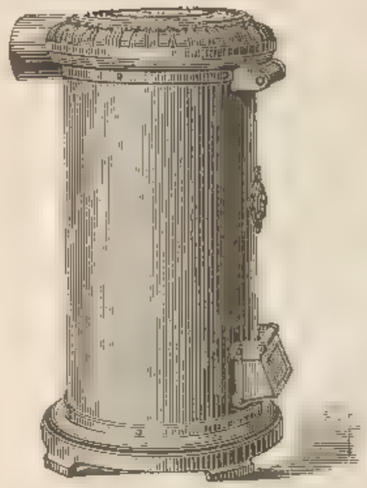
C 349. Strong Shop Stove, with fire brick lining
Size No. 1 2 3
30 32 32 in. high.
Bodies 10 12 14 in. square.
42 6 47/6 53 6 each.
Outlet at back

C 350 American Pattern Stove.
Size No 6 7
24 26 in. high.
20 22 in wide
14.- 19/- each
Outlet at top.

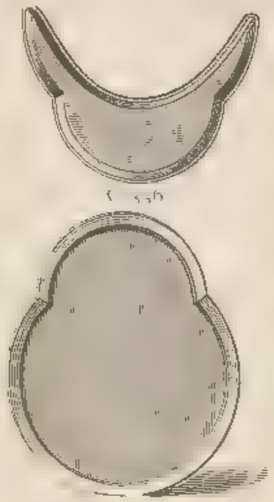
51 American Pattern Stove
Size No. 1 2 3
30 32 34 in. high
24 27 30 in wide
21/6 27/6 32/6 each
Outlet at back

Further details will be sent on receipt of requirements.

SLOW COMBUSTION HEATING STOVES.



C 358. Plain Tortoise Heating Stove



C 357

No.	Size.	Heating Capacity	Size of Nozzle	Price, including Ashes Pan, C 356.	Extra for Tray C 357
0	16 × 8 in. diam.	1 000 cubic feet	3¼ in.	£0 12 0	1 6
1	20 × 9 in. ,,	2,000 ,,	3¼ in.	0 16 0	2
2	25 × 10 in ,,	6,000 ,,	3¾ in	1 4 0	3
3	30 × 12 in ,,	10,000 ,,	4¼ in.	1 15 0	4
4	32 × 14 in. ,,	15 000 ,,	4¾ in	2 10 0	5
5	35 × 16 in ,,	25,000 ,,	5¼ in.	4 0 0	7 6
6	40 × 18 in ,,	40.000 ,,	6¼ in.	5 5 0	10 6
7	45 × 21 in ,,	70.000 ,,	7¼ in.	8 0 0	-
8	50 × 24 in ,,	120,000 ,,	8¼ in	12 0 0	

Outlets at either top or back

C 359.—Tortoise Heating Stove, with coloured tile casing

No.	Size.	Heating Capacity.	Size of Nozzle	Price, including Ashes Pan.	Extra for Tray.
1	21 × 10 in. diam	2,000 cubic feet.	3¼ in	£2 5 0	4/-
2	26 × 12 in ,,	6,000 ,,	3¾ in.	3 10 0	6 -
3	30 × 14 in ,,	10,000 ,,	4¼ in	5 0 0	7/6
4	34 × 16 in ,,	15,000 ,,	4¾ in	6 10 0	10/-
5	37 × 21 in ,,	25 000 ,,	5¼ in	8 0 0	13/-

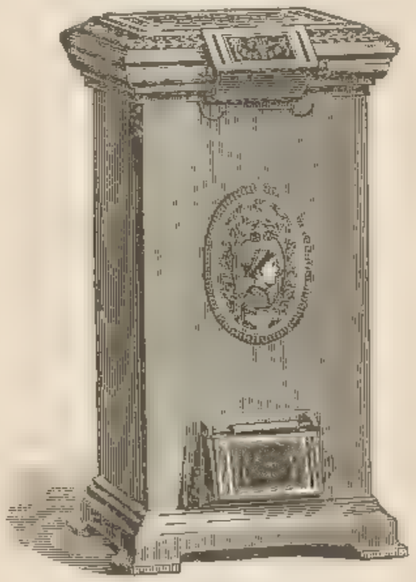
Outlets at either top or back

C 3435 Fine cast and blacked, with sheet iron body and fire-brick lining

Outlets at either top or back

No.	Size.	Heating Capacity	Price, including Ashes Pan	Extra for Tray
0	21 × 9 in diam.	2,000 cubic feet	£0 13 9	2 3
1	23 × 10 in ,,	4,000 ,,	0 16 6	3 9
2	26 × 10 in ,,	6,000 ,,	0 18 0	2 9
3	28 × 10 in. ,,	6 500	0 19 0	2 9
4	30 × 12 in. ,,	10.400 ,,	1 3 0	3 3
5	34 × 14 in. ,,	15,000	1 15 6	5 -
6	36 × 16 in. ,,	23 000	2 3 6	6 -

COKE BREAKER.



C3436 —Fine cast and blacked with sheet iron body & fire-brick lining

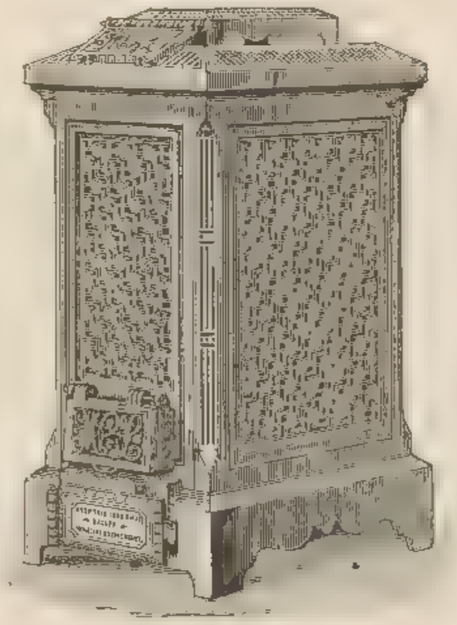
Heating Capacity.	Extreme Dimensions. Front.	Side.	Height	
7,000 cubic feet	1 ft 3 in	1 ft 1 in	2 ft 5 1	£1 12 0
10 000 ,,	1 ft 5 in.	1 ft 3 in	2 ft 7 in	1 15 0
13,000 ,,	1 ft 7 in.	1 ft 5 in	2 ft 9 in	1 17 6

Outlets at either top or back

Dimensions Length, 14 in , Width, 11 in Handle 24 in long

Capacity One cwt Coke broken small in 20 minutes by a lad 14 years old

C 3437.
Price 15/- each.
On iron stand, 22/6 each, complete



T 360 Patent Ulster Heating Stove.

Outlet at back

No.	Heating Capacity. cubic feet	Extreme Dimensions. Front ft.	in	Side ft	in	Height ft	in	Plain Finish.	Black Finish
O	8,000	1	4½	1	4½	3	1½	£5 10 0	£6 10 0
1	12,000	1	5	1	11	3	1½	7 15 0	8 1
1A	18,000	1	7	2	1	3	2¼	9 0 0	10 0 0
2	27,000	1	9½	2	3½	3	4	12 15 0	14 0 0
3	38,000	2	1	2	7¼	3	5¼	15 0 0	16 10 0
4	45,000	2	6½	2	6½	4	2	20 0 0	22 0 0

Further details will be sent on receipt of requirements.

HEATING STOVES.

C 3440.—Slow Combustion Stove.

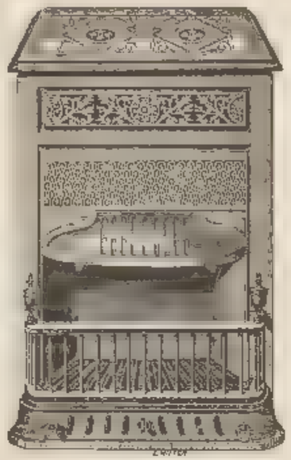
Size—26 in. high, 20 in. wide,

45/- each.

C 362.—Slow Combustion Stove, with tile panels.

Size 32 in. high, 29 in. wide

84/- each



C 3441. Semi Slow Combustion Stove.

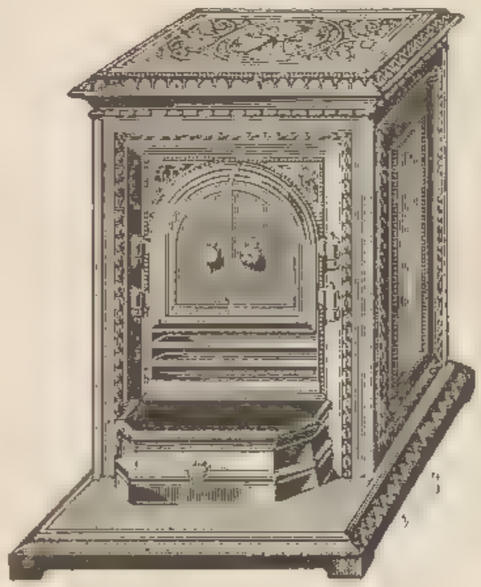
Size—25 in. high, 18½ in. wide.

Fine cast and blacked ... 44/- each
Ground and Berlin blacked . 61/6 ,,

C 3442. Semi Slow Combustion Stove, with air chamber at back and sides

Sizes—32 in. high, 18 in. wide, 14 in. fire.
32 in. 20 in. ,, 16 in.

Fine cast and blacked, brass knobs .. 95/ each
Ground and Berlin blacked .. 108/6 ,
, , ,, ,, best finish 125/-
If Electro Bronzed Canopy, 8/6 extra.

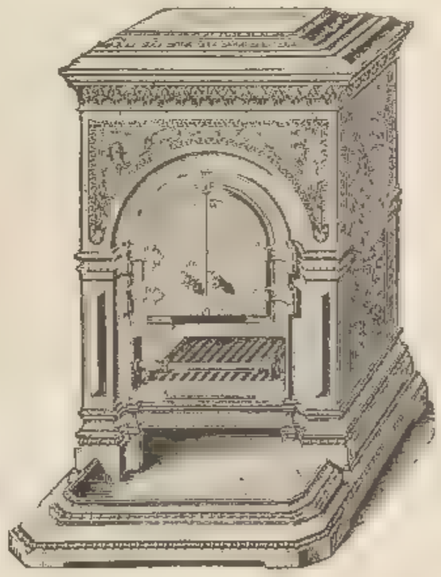


C 361 Open Fire Stove, fine cast and blacked.

Size—No. 1, 25 in. high, 18½ in. wide, 28/6 each
,, ,, 2 30 in. ,, 22 in. ,, 37/6 ,,

C 3443. Open Fire Stove, fine cast and blacked.

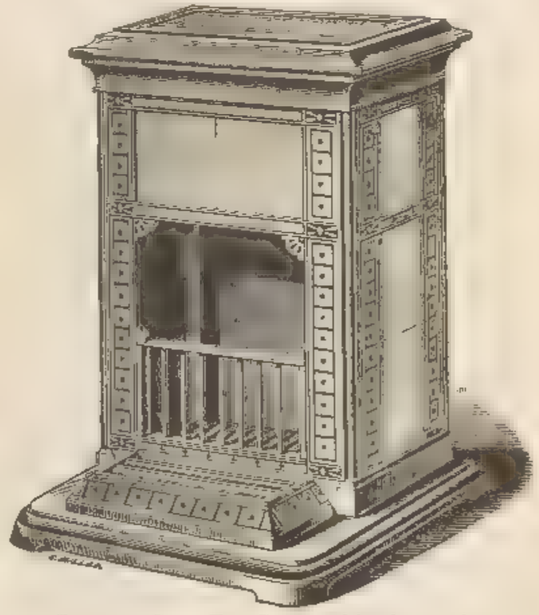
Size—No. 1, 28½ in. high, 11½ in. wide, 30/- each.
,, ,, 2 30½ in ,, 13½ in. ,, 37/6 ,
, ,, 3, 32½ in ,, 15½ in ,, 51/- ,,



C 363. Open Fire Stove, fine cast and blacked

Size—33½ in high, 18½ in. wide,

70/- each.



C 3444. Open Fire Stove, with tile panels.

	Fine Cast and blacked.	Ground and Berlin blacked.
Size—No 1, 28 in high 14 in wide	43/-	55/- each
, ,, 2, 32 in ,, 17 in. ,,	52/6	67/6 ,
, ,, 3, 36 in ,, 20 in. ,,	76/-	92/- ,,

This Stove is sent out with hinged Fire Doors, although not shown on illustration

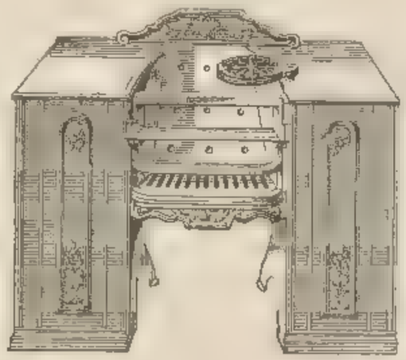
Further details will be sent on receipt of requirements.

HOB GRATES AND PORTABLE RANGES.

C 370.—Elliptic Sham, with loose hobs and bottom.

Sizes—18 in. high × 14 in. to 36 in. wide.
Price, 2½d. per inch.

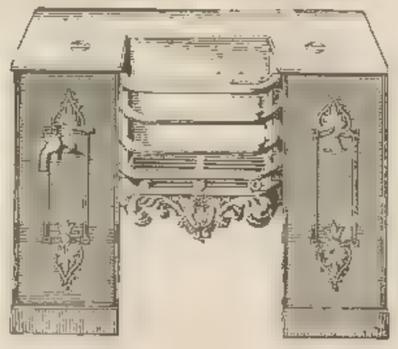
Similar, but lighter pattern, 12 in. to 36 in.
Price, 2d. per inch.



C 371. Elliptic or Rumford Grate, with fall bar and swing trivet, 20 in high.

Sizes	18	24	30	36 in. wide.
Fires	10	12	12	14 in. wide.
Prices	8/9	10/3	11/6	12/9

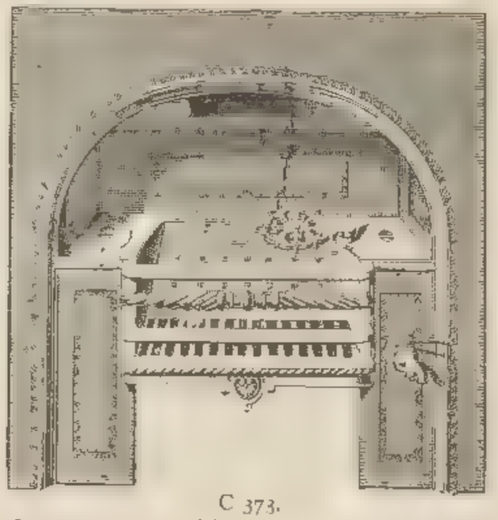
Intermediate and larger sizes can be supplied.



C 372.—Nursery or Saddle Room Grate, with boiler at back and sides.

Sizes ...	24	26	28	30	36 in. wide.
Prices ...	39/	46/3	53/3	57/3	63/6

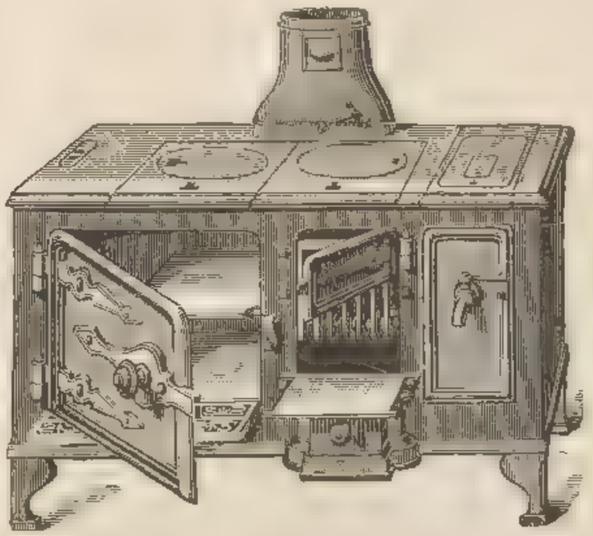
Also made with Wrought Boiler for circulation.



C 373.

Nursery Grate, with boiler at back and sides.

Sizes	32	34	36	38 in. wide.
	36	36	38	38 in. high.
Fire	14	14	18	18 in wide
Price	64/9	67/6	70/-	73/6



C 374 —Portable Cooking Range, 27 in. high × 17 in. back to front.

OVEN AND SHAM NO BOILER

Sizes of Range...	24	26	30	33	36	38 in wide
Sizes of Ovens ...	10	12	14	14	14	16 in
Prices	32/6	34/6	43/3	45/-	47/6	56/3

OVEN AND BOILER, WITH BRASS TAP

Sizes of Range... ...	30	33	36	42 in wide
Sizes of Ovens	12	14	14	16 in
Prices	47/6	52/-	56/3	73/9

C 3448. Portable Cooking Range, with Hot Closet. 27 in. high × 17 in. back to front

OVEN AND SHAM -NO BOILER

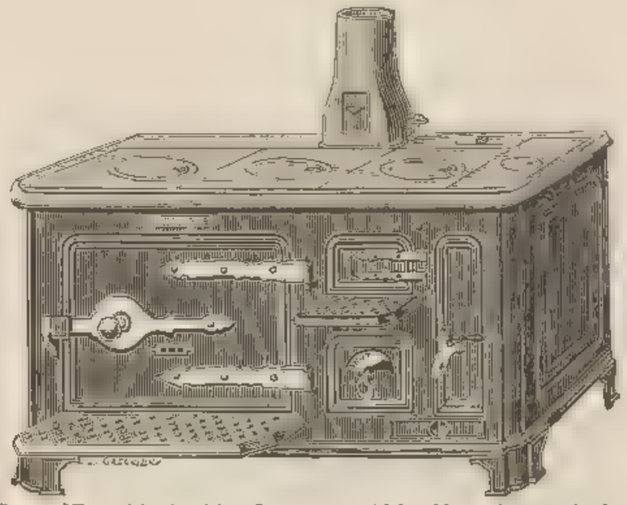
Sizes of Range	24	26	30	33	36	38 in wide.
Sizes of Ovens.	10	12	14	14	14	16 in.
Prices	41/6	43/6	52/3	56/-	58/6	69/3

OVEN AND BOILER, WITH BRASS TAPS

Sizes of Range... ...	30	33	36	42 in. wide
Sizes of Ovens.	12	14	14	16 in.
	56/6	63/-	67/3	86/9

Open and Close Fire Arrangement .. . ... 4/6 each extra.
Open and Close Fire Arrangement and Lifting Fire ... 9/- " "

2 feet Sheet Iron Pipe, 1/6 each.



T 375 Strong Portable Cooking Range. Width of hot plate, 21 in back to front

OVEN AND SHAM.

Sizes	24	30	36	42	48 in wide.
Ovens	12	14	14	18	22 in
Height	25	25	30	30	30 in
Prices	80/3	93/-	118/6	130/6	144/-

OVEN AND GALVANIZED WROUGHT RIVETTED BOILER

Sizes	30	36	42	48 in wide
Ovens	12	14	18	22 in
Height	25	30	30	30 in
Prices	108/-	137/3	149/3	164/3

Including Brass Tap

DOUBLE OVEN

Sizes ..	48	54 in. wide
Ovens	14	16 in
Height	30	30 in
Prices	157/6	174

Can also be had with Wrought Pressure Boiler

Open and Close Fire Arrangement .. ... 9 extra.

Further details will be sent on receipt of requirements.

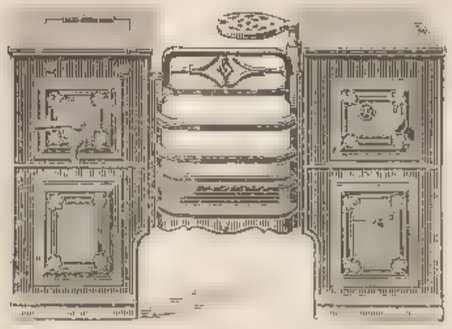
OPEN FIRE RANGES.

C 380.—Yorkshire Range, 23 in high × 12 in deep, cast iron oven, with brass knob and strip, elliptic bars, trivet, dampers, drawstand, &c

Size.	Oven Side.	Fire.	Sham or Stove Side.	Oven & Sham. Price.	Oven & Stove Price.
2 ft 0 in.	11 in.	11 in	2 in.	18/8	—
2 ft 6 in	12 in	12 in	6 in	18/8	—
2 ft 6 in	13 in	12 in	5 in	19/6	—
2 ft 9 in	12 in	12 in	9 in	18/8	—
2 ft 9 in	13 in	12 in.	8 in.	19/6	—
3 ft 0 in	12 in	12 in.	12 in	18/8	23/-
3 ft 0 in	14 in	12 in.	10 in	21/	—

Close straight bars to either of the above suitable for Wales, at same price

If close wrought bars in cast standards ... 9/- extra
If all wrought ditto and standards ... 12/6 „

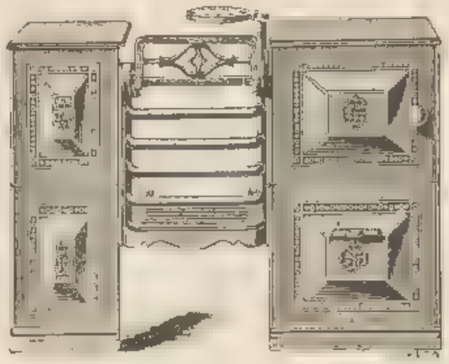


C 381.—Yorkshire Range, 25 in high × 13 in deep, with hollow top, brass ventilator to oven drawstand with brass knob and soot door in hot plate

Size.	Oven side.	Fire.	Sham, Stove, or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ⅝ in. brass tap, and copper joint to lid. Price.
3 ft 0 in	12 in	12 in	12 in	31/6	36 6	47 6
3 ft 3 in	14 in	13 in	12 in	34 -	41 6	51 6
3 ft 6 in	16 in	14 in	12 in	36/6	42/	58/9

Close straight bars to either of above, suitable for Wales, at same price

If close wrought bars in cast standards .. 9 - extra
If all wrought ditto and standards , 12/6 „



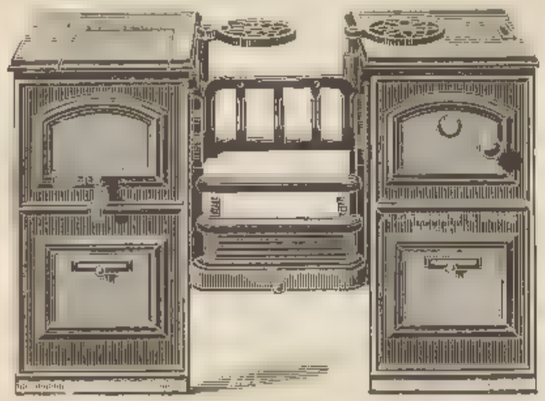
C 382.—New Pattern Yorkshire Range, 26 in high 12 in. deep, with drawstand fitted with brass knob swing trivet, and damper under oven Bars straight, elliptic (as drawn), or projecting

Size.	Oven side.	Fire.	Sham Stove or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ⅝ in. brass tap Price.
2 ft 6 in	12 in.	10 in	8 in	20/-	22 3	
2 ft 9 in.	13 in	10 in	10 in	20/9	23 9	26/
3 ft 0 in	14 in	12 in	10 in	21/	24/3	27/6
3 ft 3 in	14 in	13 in.	12 in	23/6	26/-	30
3 ft 6 in	14 in	14 in	14 in	24/-	28/-	34 -

If with cheeks to boiler side, 1/ extra

The above dimensions may be varied within the following limits at a small additional cost for larger Ovens or Boilers than those specified (10 in Ovens, 3 3 over 24 in)

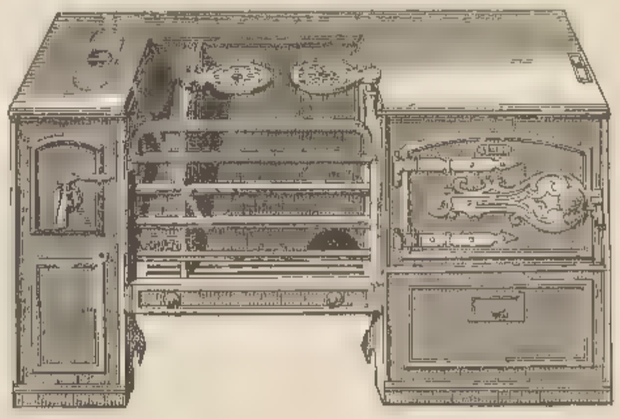
Sham sides	6, 7, 8, 9, 10, 11, 12, 13, 14 in.
Stove sides	9, 10, 11, 12, 13, 14 in
Boiler sides	10, 11, 12, 13, 14 in.
Oven sides	12, 13, 14, 16 in
Fires	9, 10, 11, 12, 13, 14, 15 in



C 383.—Hollow-top Yorkshire Range, extra strong metal, 28 in high × 16 in. deep

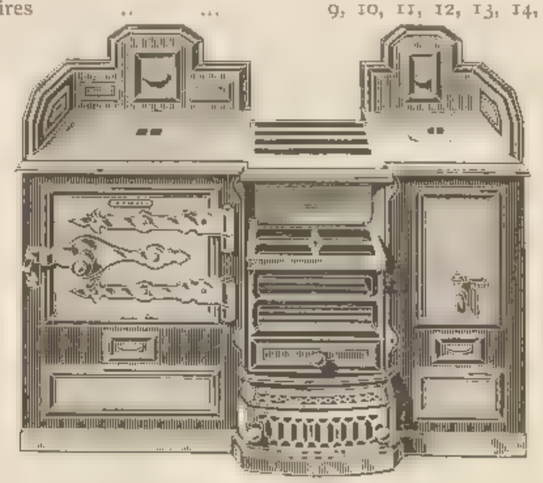
Sizes.	Oven Side.	Fire.	Sham Stove, or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ⅝ in. brass tap. Price.
3 ft 0 in	14 in	12 in	10 in	48/6	51/6	67/6
3 ft 3 in	14 in	13 in	12 in	52/6	54/-	68,6
3 ft 6 in	16 in	14 in	12 in	54/6	62,6	77/6
4 ft 0 in	18 in	16 in	14 in	67/6	72/6	84/6

A variety of other sizes also made.



C 3450.—Yorkshire Range, 28 in high × 20 in deep, cast iron oven on either hand with bright knob and ventilator, cast iron L boiler with protecting plate and brass cock, square hollow top, hobs, dampers, fall-down bar, two trivets, drawstand with bright knobs, winding cheek, &c

Size.	Oven side.	Fire	Boiler side.	With Black Fittings.
3 ft. 6 in	16 in	18 in	8 in	£7 2 6
4 ft 0 in	18 in	22 in.	8 in	£7 19 6
4 ft 6 in	20 in	24 in.	10 in	£8 14 6
5 ft 0 in	23 in	25 in	12 in	£9 18 0



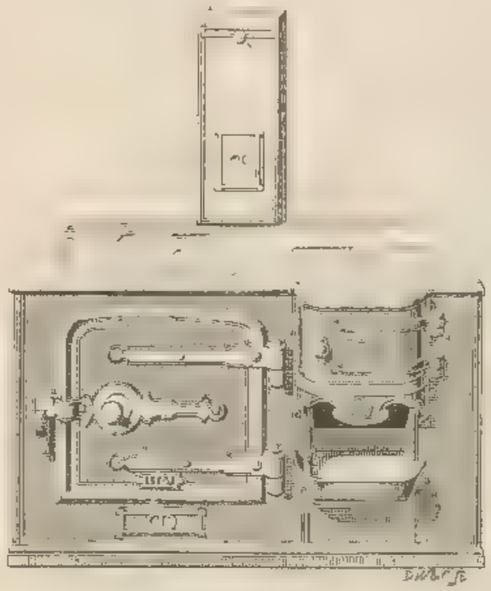
C 385. Excelsior Open Fire Range, 28½ in high × 15½ in deep.

Sizes.	Oven Front.	Bars.	With skirting. Prices.	Do., with Cove plates and plate rack, 48 in. high. Prices.
36 in.	17 in	10 in	50/-	67/6
39 in.	17 in	11 in.	52/6	70/-
42 in.	19 in	12 in.	55/-	75/-
45 in	21 in	13 in	65/-	85/
48 in	21 in.	14 in	70/-	90/-

If with hood at back of fire, 5/- extra to Skirting Range
3,6 extra to Cove Plates. Sheet Iron Top Plate, 6/- extra
Recommended with hood if top plate is used

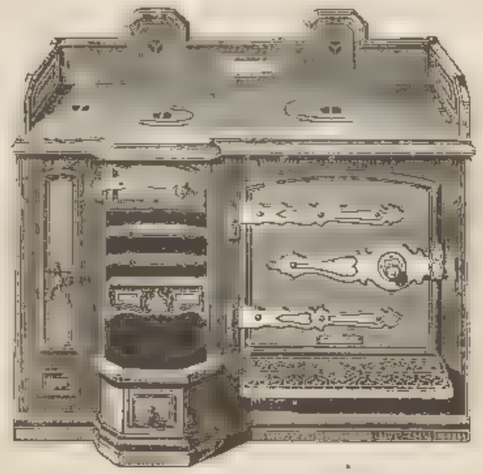
Any of the above supplied with Ovens on either hand. Further details will be sent on receipt of requirements.

CLOSE FIRE RANGES.



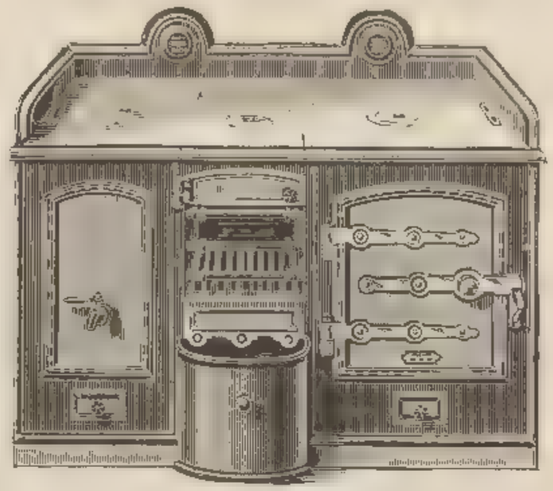
C 390. Cottage Close Fire Range, 24 in high × 18 in deep, oven and sham, black fittings ground edge to hot plate, metal fire lumps, cast register top and oven

Sizes	30 in wide with 14 in oven	55/-
	36 in ,, ,, 16 in. ,,	61/-



C 391 Cottage Close Fire Range, 24 in. high × 14 in deep, bright fittings, cast register door

	2 ft. 6 in	3 ft.	3 ft 6 in
Width of Oven ..	12 in	14 in.	16 in
Oven and Boiler	40/-	42/6	50/-
Oven and Sham	35/6	38/	42/6

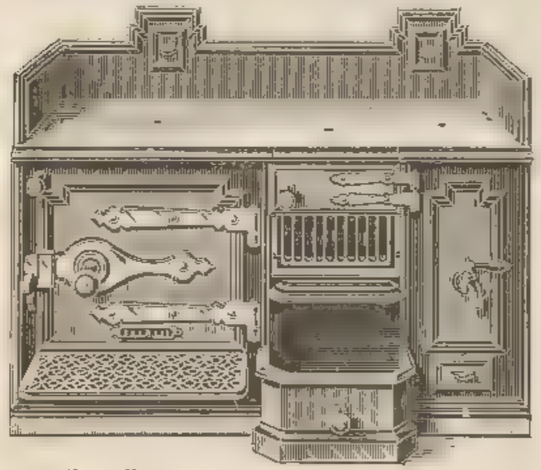


C 392 Close Fire Range, 30 in. high × 17 in. deep, with side boiler, brass tap, bright fittings, ventilated oven, cast register lid.

	3 ft.	3 ft. 6in.	4 ft
Width of Oven ...	14 in.	16 in.	18 in
Prices ..	62/6	71/-	78/6

Ditto, Oven and sham,

	2 ft. 6in.	3 ft.	3 ft 6 in.
Width of Oven ...	14 in.	16 in	20 in.
Prices ...	55/	61/6	65/9



C 393 —Close Fire Range 27 in high × 18 in. deep, with side boiler, brass tap, bright fittings, ventilated oven, cast register lid

Sizes ..	3 ft	3 ft 3 in	3 ft 6in.	3 ft. 9 in.	4 ft
Width of Oven	16 in.	16 in	18 in	18 in.	20 in
Prices ...	75/	77/6	82/6	86 6	

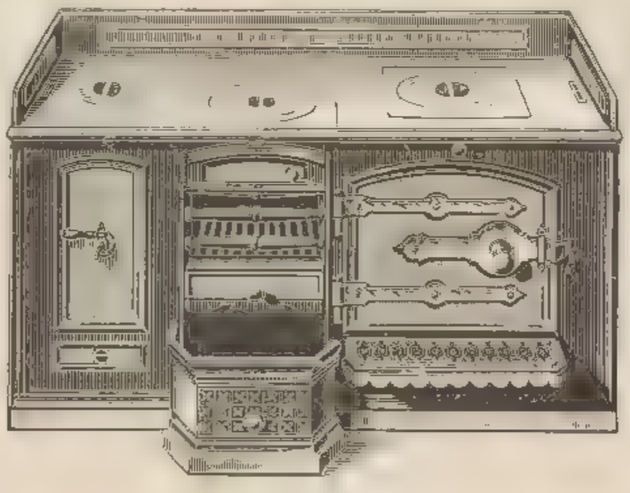
If with covings, plate rack and sheet iron top plate, 4 ft 6 in high over all,

Sizes ..	3 ft	3 ft. 3 in.	3 ft 6 in.	3 ft 9 in.	4 ft.
Prices ...	100/-	112/6	115/	117/6	120/-

If with double ovens, covings, &c., as above.

Sizes ...	3 ft 6 in.	4 ft	4 ft 6 in.
Width of Oven	13 and 12 in	16 and 13 in	19 and 15 in.
Prices ..	117/6	127/6	135/

If with open and close fire arrangement, 8/6 extra



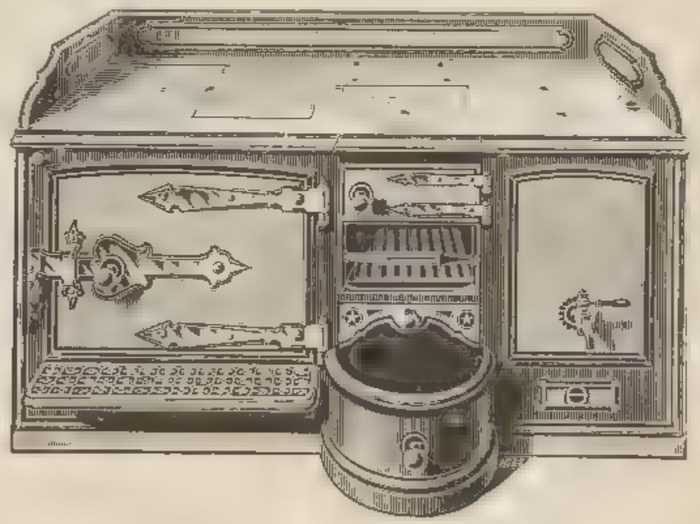
C 394. Strong Close Fire Range, 28 in. high × 18 in deep, with side boiler, brass tap, bright fittings, air pipe and valve to oven, sheet iron top plate

Sizes ...	3 ft. 6 in	3 ft 9 in.	4 ft.	4 ft 3 in	4 ft. 6 in.
Prices ...	110/-	117/6	125/-	132/6	140/-

If with double ovens,

Sizes ..	3 ft 6 in.	3 ft 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in
Prices ..	130/	137/6	147/6	157/6	165/-

Wrought welded bath boilers, best quality ⅜ in. steel plate to fix at back of fires, from 26/- extra.



C 395. Extra Strong Close Fire Range, with side boiler, brass tap, bright fittings, air pipe and valve to oven, sheet iron top plate

	high.	deep.		high	deep.
3 ft 6 in.	× 26 in	× 18 in.	4 ft	× 28 in	× 18 in.
147/-			166 6		
	high.	deep.		high.	deep.
4 ft. 6 in.	× 28 in.	× 20 in.	5 ft.	× 30 in	× 22 in.
222/6			245/-		

If with cove plates and plate rack instead of skirting,

3 ft. 6 in.	4 ft.	4 ft. 6 in.	5 ft.
185/-	205/-	257/6	282/6

Any of the above supplied with Ovens on either hand. *Further details will be sent on receipt of requirements.*

CLOSE FIRE RANGES.

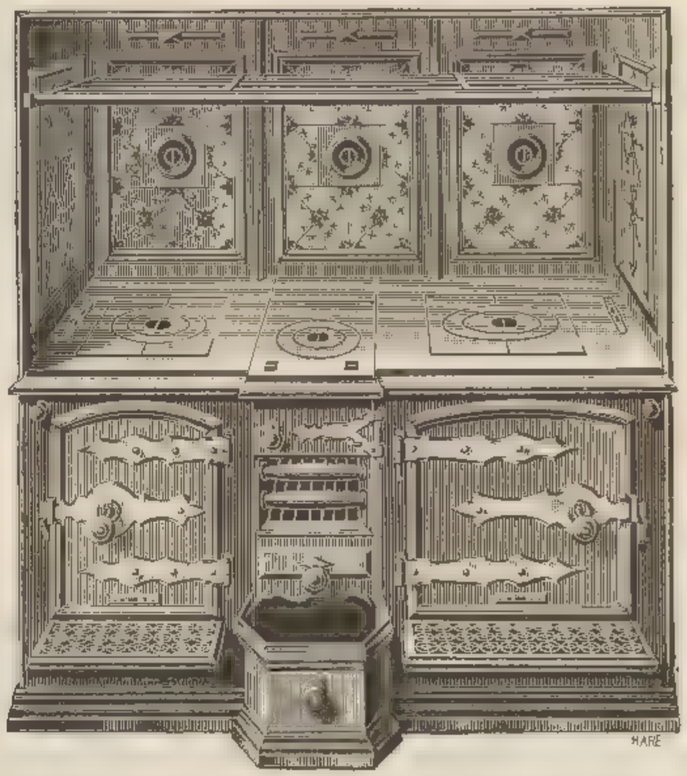
C 399 —Close Fire Cottage Range, oven and boiler, 4 ft. 6 in high over all, hot plate 30 in high, 17 in. deep, with bright fittings, cove plates, sheet iron top plate, plate rack bright outside oven shelf, and brass tap Oven on either hand

3 ft	3 ft. 6 in.	4 ft
£4 17 6	£5 10 0	£5 17 6

C 3455 Ditto ditto ditto with double ovens

3 ft. 6 in.	4 ft	4 ft 6 in.
£6 0 0	£6 17 6	£7 17 6

If with combined Open and Close Fire Arrangement, 10/- extra



C 401. Double Oven Range, 4 ft 8 in. high over all, ground hot plate 28 in. high × 20 in. deep, cove plates fitted with blue and white tiles, bright plate rack and fittings, one ventilating cove, air pipe and valve to oven, sheet iron top plate

4 ft.	4 ft. 6 in	5 ft
£9 6 6	£10 0 0	£10 12 6

C 402. Ditto, better quality, 5 ft high over all, hot plate 32 in. high × 22 in. deep, all castings ground and rubbed

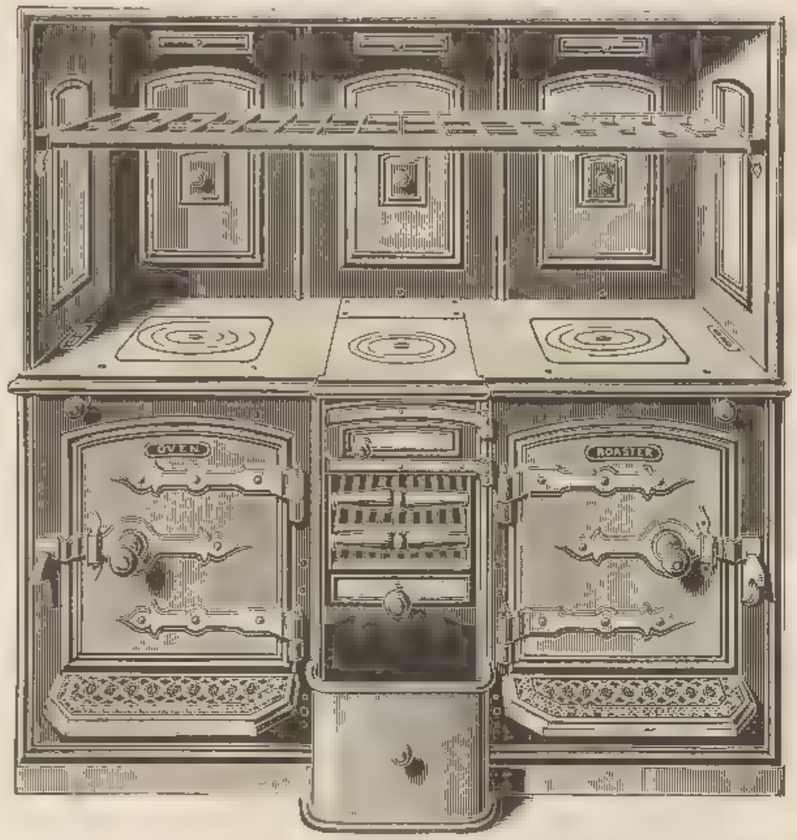
4 ft	4 ft. 6 in.	5 ft
£15 17 6	£17 17 6	£19 17 6

Wrought Welded Boot Boilers, best quality ⅜ in. steel plate, with two manhds, from 87/6 extra

" " Bath " " " " " " " one " " " 32 6 "

For prices of Range Taps see page 191.

Further details will be sent on receipt of requirements.



C 407 Strong Best Finish Double Oven Range, 5 ft high over all, hot plate 22 in deep, cove plates, bright plate rack and fittings, air pipes and valves to ovens, sheet iron top plate All castings ground or rubbed

4 ft 6 in 30 in	5 ft × 32 in	5 ft 6 in × 32 in	6 ft × 32 in high
£13 15 0	£15 5 0	£17 17 6	£20 0 0

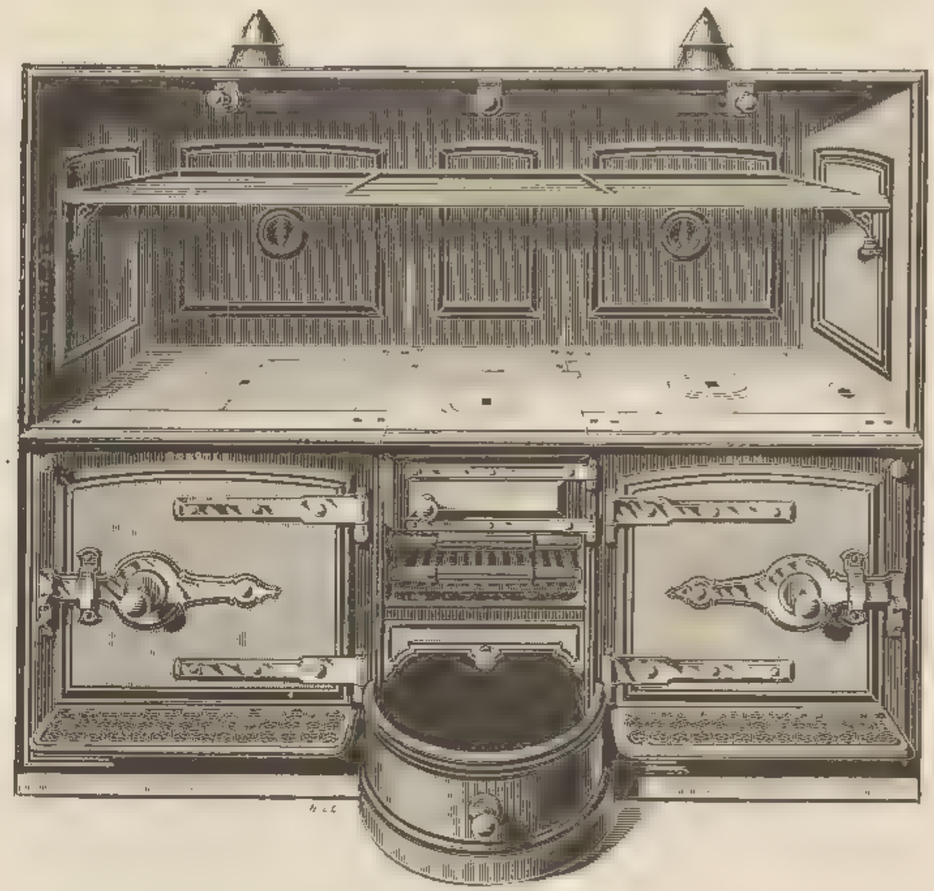
With combined open and close fire arrangement 10/- extra

Wrought Welded Boot Boilers, best quality, ⅜ in steel plates, with two manlids, from 87/6 extra

Ditto, Ditto, Bath Boilers, from 37/6 extra

C 406 Lighter ditto, ditto, 4 ft 8 in high over all, hot plate 28 in high × 20 in deep Castings not ground

4 ft	4 ft 6 in	5 ft
£6 15 0	£7 2 6	£7 12 6



C 408 Extra Strong Best Finished Double Oven Range, 5 ft 4 in high over all, hot plate 32 in high × 24 in deep cove plates bright plate rack and fittings, two ventilating cones, air pipes and valves to ovens, sheet iron top plate All castings ground or rubbed

5 ft	5 ft 6 in.	6 ft
£21 15 6	£23 12 6	£25 10 0

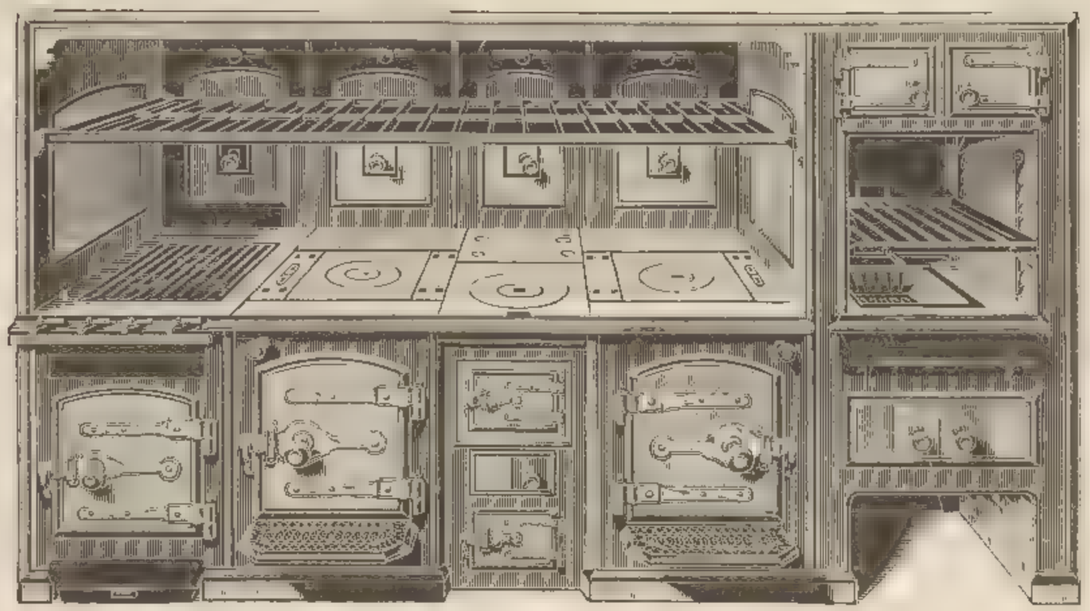
Intermediate and larger sizes also supplied

Wrought Welded Boot Boilers, best quality ⅜ in steel plates with two manlids, from 87/6 extra

Ditto, ditto, Bath Boilers, from 40/6 extra

For prices of Range Taps see page 191

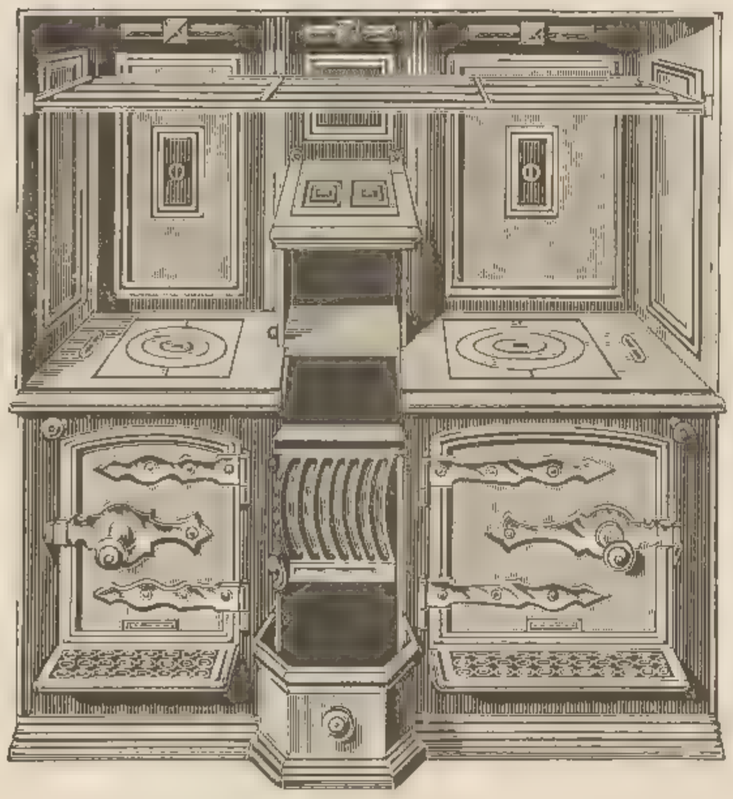
Further details will be sent on receipt of requirements.



C 3460

Above design is for Double Oven Kitchener, Gas Oven, Gas Hot Plate, Grill with Hot Closet, but various other combinations can be supplied.

Quotations and designs sent to suit requirements.



C 3461 Combined Open and Close Fire, with Eagle Lifting Fire, 4 ft 8 in high over all, hot plate 28 in high × 18 in deep, with coves, plate rack, bright fittings and bright shelves under ovens.

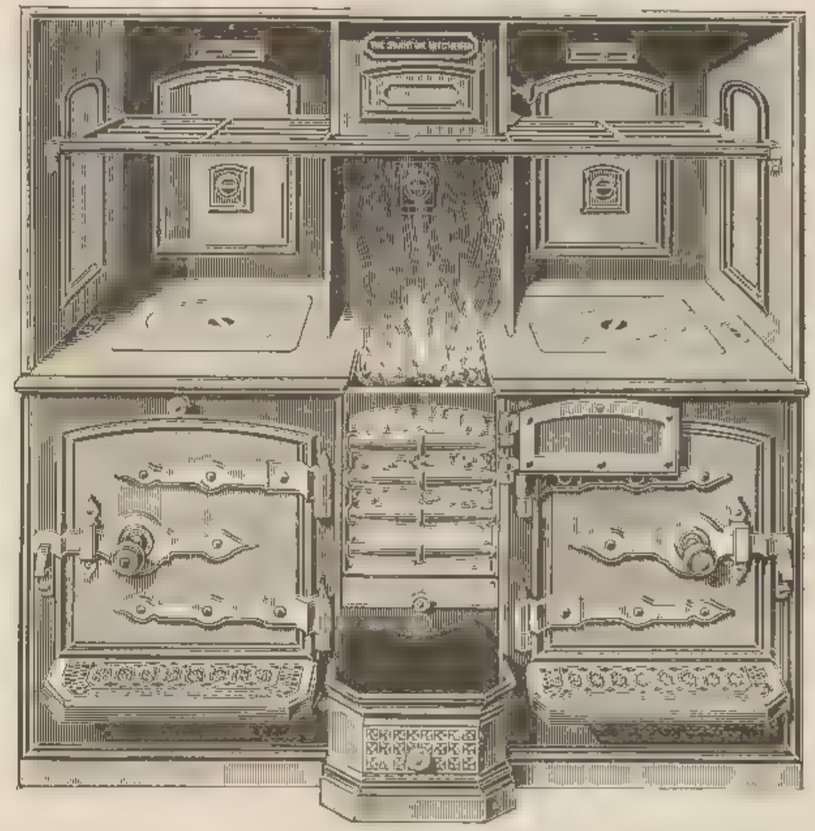
3 ft 6 in	4 ft	4 ft 6 in.	5 ft
£5 6 0	£6 15 0	£7 2 6	£7 12 6

C 3462 — Ditto ditto one oven and side boiler, with brass tap.

3 ft	3 ft 6 in	4 ft
£4 17 6	£5 1 6	5 5 6

If without Lifting Fire and Open Fire Arrangement, 14/ less.

Wrought Welded Bath Boilers, best quality ⅜ in. steel plates .. from 36/- each extra.



C 403 — Combined Open and Close Fire Range, 4 ft 6 in high over all hot plate 28 in high × 18 in deep, cove plates, plate rack and bright fittings, air pipe and valve to oven, sheet iron top plate.

4 ft	4 ft 3 in.	4 ft. 6 in.	4 ft 9 in	5 ft
£9 16 6	£10 8 6	£11 0 0	£11 10 0	£12 5 0

C 404 Ditto ditto one oven and side boiler, with brass tap.

3 ft 6 in.	4 ft	4 ft. 6 in.
£7 18 6	£9 0 0	£10 2 6

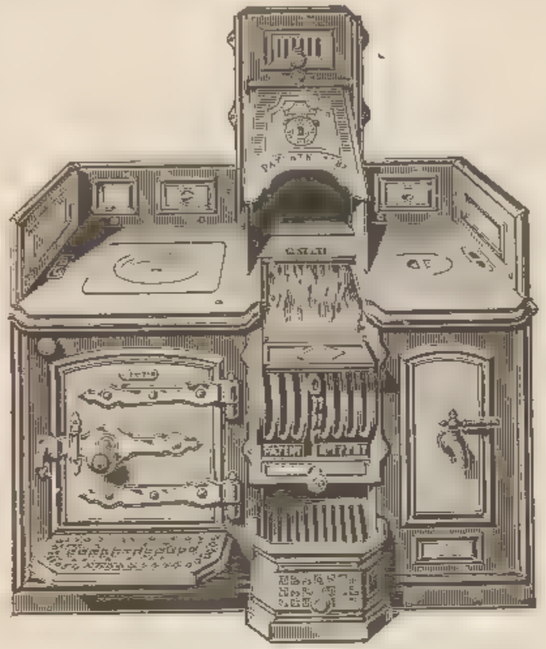
If without Open and Close Fire Arrangements, 10/- less

Wrought Welded Bath Boilers, best quality ⅜ in steel plates ... from 32/6 each extra

For Prices of Range Taps, see page 191

Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges, with Lifting Fires.



C 409

C 409. Fronts 28 in. high, hot plates 18 in deep

Full width ..	3 ft	3 ft 3 in	3 ft 6 in	3 ft 9 in	4 ft	4 ft 3 in	4 ft 6 in
Oven Inside .	11 × 16	13 × 16	16 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	9 in.	9 in	9 in	10 in	11 in	12 in	12 in.
Boiler	9½ in	10½ in	10½ in	12½ in	14½ in	14½ in	17½ in
Price	85/6	92/8	99.9	106/11	114/-	121/2	128/3

C 410.—Fronts 28 in high, hot plates 18 in deep, covings 26 in high

Full width .	3 ft	3 ft 3 in	3 ft 6 in.	3 ft 9 in	4 ft	4 ft 3 in	4 ft 6 in
Oven Inside ..	11 × 16	13 × 16	16 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	9 in	9 in	9 in	10 in	11 in	12 in	12 in
Boiler .. .	9½ in	10½ in	10½ in.	12½ in	14½ in	14½ in.	17½ in
Price	108	117	126	135	144	153	162

These Ranges combine all the latest improvements at prices little exceeding those of ordinary Ranges

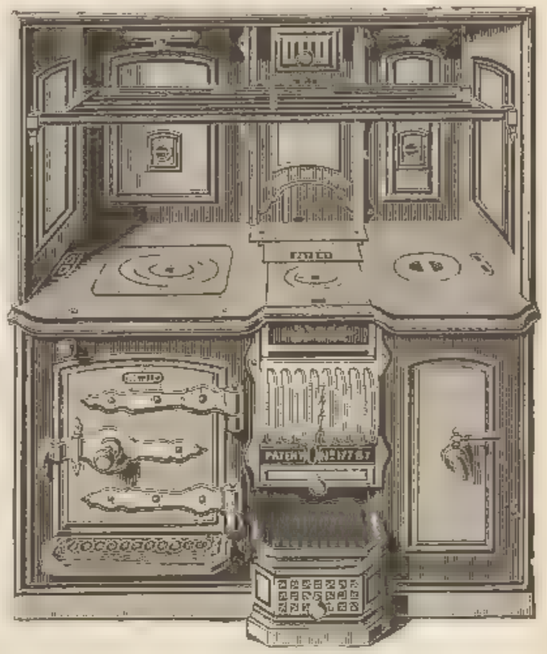
Great saving can be effected in Fuel by means of the Lifting Fire

They will roast in front of fire, will bake bread in ovens (which have over and under draught), and are a certain cure for smoky chimneys

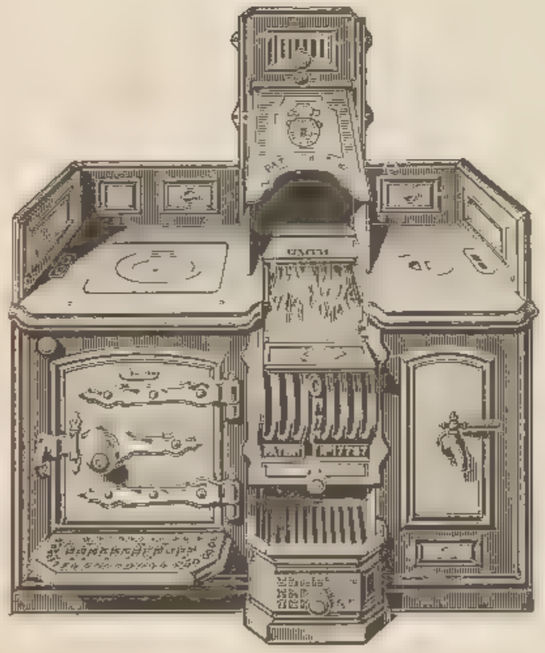
The hot plate over fire slides back when used as an open fire

All castings are rubbed or ground and blacked All hinges latches, outside oven shelves, &c , are ground bright

Ashes Pans, Cinder Sifters, and covering in Plates with sliding doors are included in prices



C 410



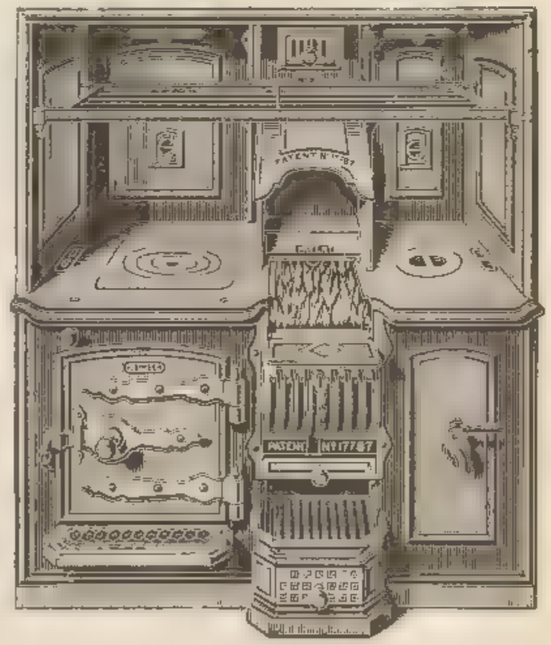
C 411

C 411.—Strong Metal. Fronts 28 in high, hot plates 20 in deep

Full width ...	3 ft	3 ft 3 in	3 ft 6 in	3 ft 9 in	4 ft	4 ft 3 in	4 ft 6 in
Oven Inside ...	11 × 18	13 × 18	16 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire	9 in	9 in	9 in	10 in	11 in.	12 in	12 in
Boiler	9½ in	10½ in	10½ in	12½ in	14½ in	14½ in	17½ in
Price ..	103/6	112/1	120/9	129/5	138/-	146/8	153/3

C 412.—Strong Metal Fronts 28 in high, hot plates 20 in deep, covings 26 in high

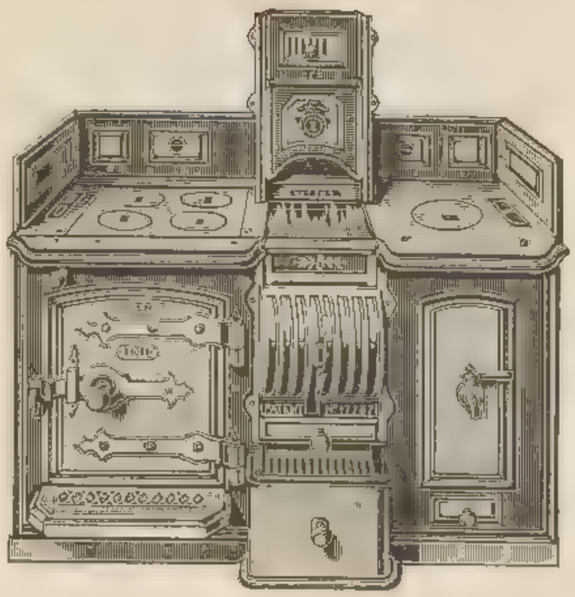
Full width ...	3 ft	3 ft 3 in	3 ft 6 in.	3 ft 9 in	4 ft	4 ft 3 in	4 ft 6 in
Oven Inside .	11 × 18	13 × 18	16 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire	9 in	9 in	9 in.	10 in.	11 in.	12 in.	12 in
Boiler .. .	9½ in	10½ in.	10½ in	12½ in	14½ in.	14½ in	17½ in
Price	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



C 412

Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges, with Lifting Fires.



C 3465.—Extra strong metal and best finished With hot plate over oven fitted in segments.

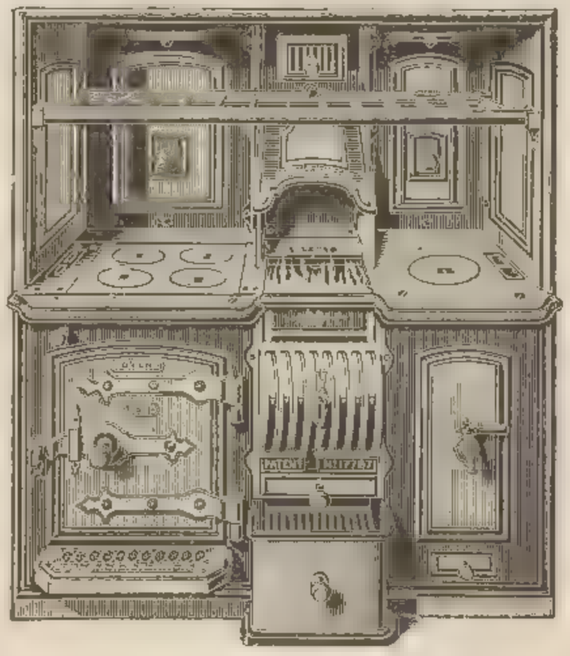
Fronts 32 in. high, hot plates 22 in. deep

Full width	...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft 3 in.	4 ft. 6 in	4 ft. 9 in.	5 ft
Oven inside	..	16 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire ...	...	9 in.	10 in.	11 in.	12 in	12 in.	13 in.	13 in
Boiler	.	10½ in	12½ in.	14½ in.	14½ in	17½ in.	17½ in.	20½ in
Price	..	168/-	180/-	192/	204/-	216 -	228/-	240/-

C 413. Extra Strong Metal and Best Finished. With hot plate over oven fitted in segments

Fronts 32 in. high, hot plates 22 in deep, covings 28 in high

Full width	...	3 ft. 6 in	3 ft. 9 in	4 ft	4 ft. 3 in.	4 ft. 6 in	4 ft 9 in.	5 ft
Oven inside	...	16 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire .	..	9 in.	10 in	11 in	12 in	12 in.	13 in.	13 in
Boiler	..	10½ in.	12½ in.	14½ in.	14½ in.	17½ in	17½ in.	20½ in
Price	..	210/-	225/-	240/-	255/-	270/-	285/-	300/-



These Ranges combine all the latest improvements at prices little exceeding those of ordinary Ranges.

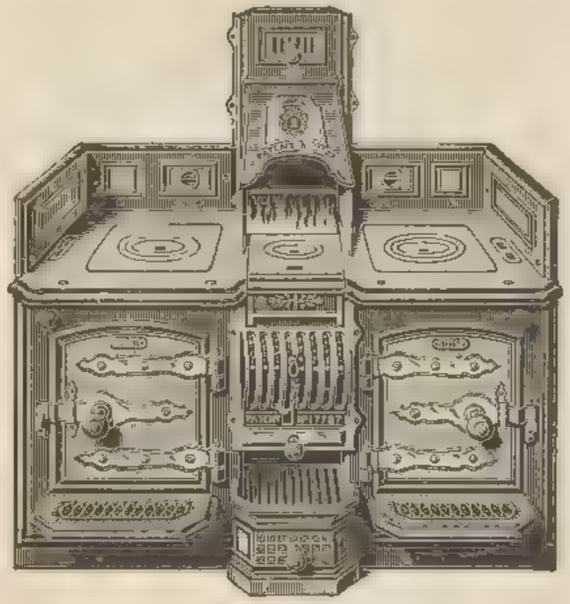
Great saving can be effected in Fuel by means of the Lifting Fire.

They will roast in front of fire, will bake bread in ovens (which have over and under draught), and are a certain cure for smoky chimneys

The hot-plate over fire slides back when used as an open fire.

All castings are rubbed or ground, and blacked. All hinges, latches outside oven shelves, &c., are ground bright

Ashes pans, cinder sifters and covering in plates with sliding doors, are included in prices

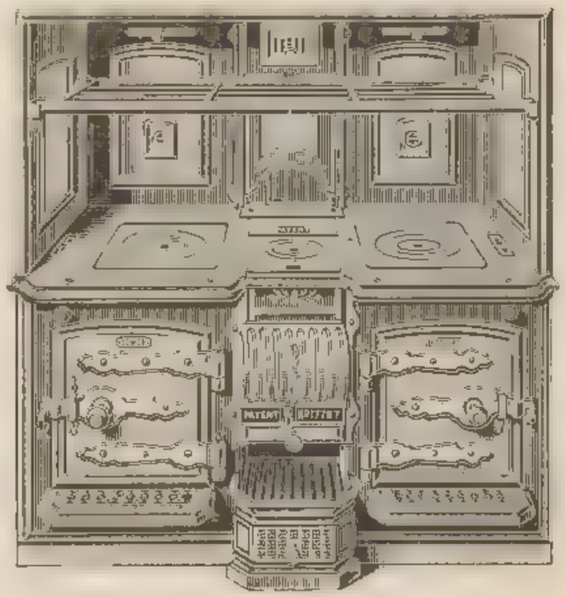


C 414.—Fronts 28 in. high, hot plates 18 in. deep

Full width	..	3 ft 6 in	3 ft. 9 in.	4 ft	4 ft 3 in.	4 ft. 6 in.	4 ft 9 in	5 ft
Oven inside	...	11 × 16	13 × 16	13 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire ...	...	8 in.	9 in	10 in.	10 in.	11 in.	11 in	12 in
Roaster	..	11 × 16	11 × 16	13 × 16	13 × 16	15 × 16	16 × 16	18 × 16
Price	...	115/6	123/9	132/-	140,3	148 6	156,9	165/-

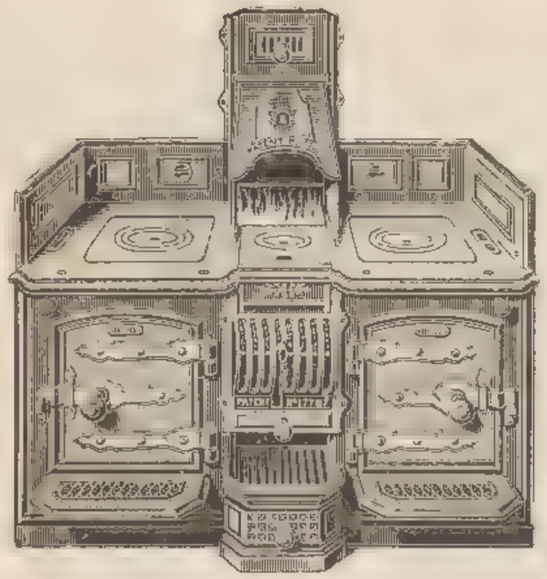
C 415.—Fronts 28 in. high, hot plates 18 in deep, covings 26 in. high

Full width	...	3 ft 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft 6 in.	4 ft. 9 in.	5 ft.
Oven inside	...	11 × 16	13 × 16	13 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire .	...	8 in.	9 in.	10 in	10 in.	11 in	11 in.	12 in.
Roaster	...	11 × 16	11 × 16	13 × 16	13 × 16	15 × 16	16 × 16	18 × 16
Price	.	131 9	151 10	162	172 1	182 3	192 4	[illegible]



Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges with Lifting Fires.



C 416

C 416 —Strong metal Fronts 28 in high, hot plates 20 in deep

Full width .	3 ft 6 in	3 ft 9 in	4 ft.	4 ft 3 in	4 ft 6 in	4 ft 9 in	5 ft
Oven inside .	11 × 18	13 × 18	13 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire ...	8 in	9 in	10 in	10 in.	11 in	11 in	12 in
Roaster ..	11 × 18	11 × 18	13 × 18	13 × 18	15 × 18	16 × 18	18 × 18
Price .	139/-	149/-	159.	168 9	178 9	188 9	[illegible]

C 417 —Strong metal Fronts 28 in high, hot plates 20 in deep, covings 26 in high

Full width ...	3 ft 6 in	3 ft 9 in	4 ft	4 ft 3 in	4 ft 6 in	4 ft 9 in.	5 ft
Oven inside .	11 × 18	13 × 18	13 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire ..	8 in	9 in.	10 in	10 in	11 in	11 in	12 in
Roaster ...	11 × 18	11 × 18	13 × 18	13 × 18	15 × 18	16 × 18	18 × 18
Price ...	165 4	177 3	189	201/-	213/-	224/4	236 3

These Ranges combine all the latest improvements at prices little exceeding those of ordinary ranges.

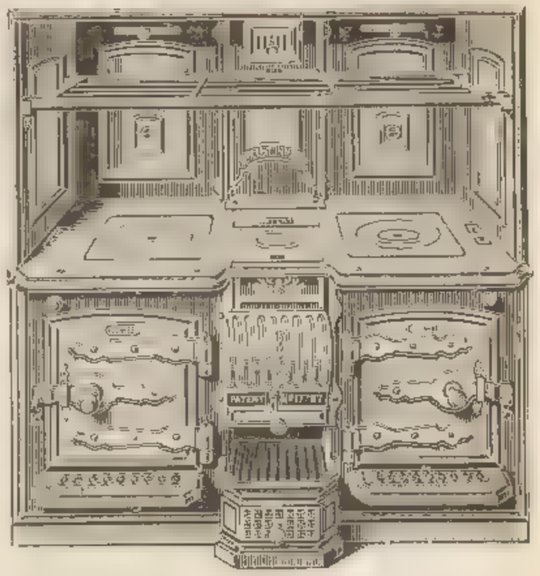
Great saving can be effected in Fuel by means of the Lifting Fire.

They will roast in front of fire, will bake bread in ovens (which have over and under draught) and are a certain cure for smoky chimneys

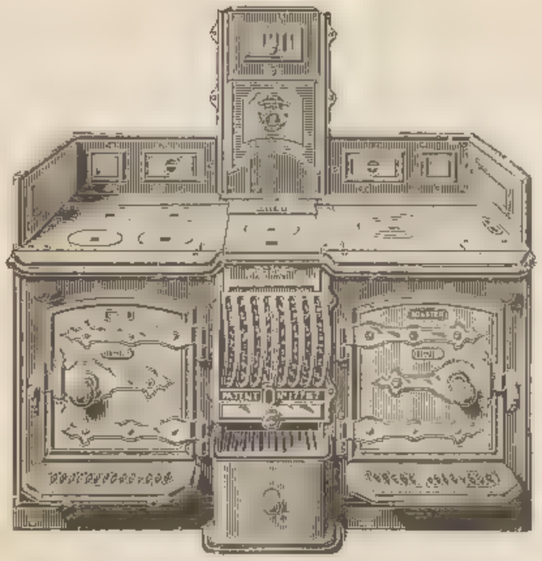
The Hot Plate over fire slides back when used as an open fire

All Castings are rubbed or ground, and blacked All hinges, latches, outside oven shelves, &c are ground bright

Ashes Pans Cinder Sifters, and covering in plates with sliding doors, are included in prices.



C 417



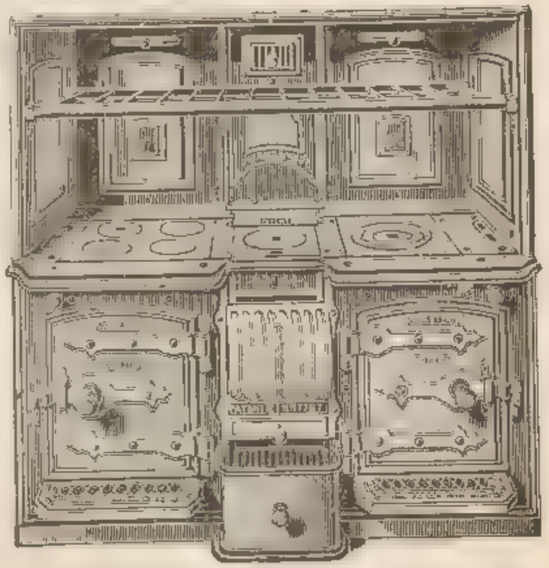
C 418

C 418 —Extra Strong Metal and Best Finish, with hot plates fitted in segments
Fronts 32 in. high, hot plates 22 in deep

Full width ..	4 ft	4 ft 3 in	4 ft 6 in	4 ft 9 in	5 ft	5 ft 3 in	5 ft 6 in
Oven inside .	13 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire ..	10 in.	10 in	11 in	11 in	12 in	13 in	14 in
Roaster ..	13 × 19	13 × 19	15 × 19	16 × 19	18 × 19	18 × 19	20 × 19
Price ...	222/	235/9	249/6	263/3	277/	290/9	304/-

C 419 —Extra Strong Metal and Best Finish, with hot plates fitted in segments
Fronts 32 in high, hot plates 22 in deep, covings 28 in high

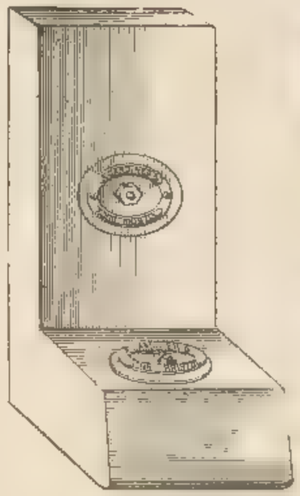
Full width .	4 ft	4 ft 3 in	4 ft 6 in	4 ft 9 in	5 ft	5 ft 3 in	5 ft 6 in
Oven inside ..	13 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire ...	10 in	10 in.	11 in.	11 in	12 in	13 in	14 in
Roaster ...	13 × 19	13 × 19	15 × 19	16 × 19	18 × 19	18 × 19	20 × 19
Price ..	270/	286/9	303/6	320/3	337/-	353/9	370/6



C 419

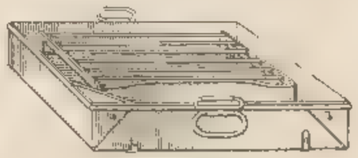
Further details will be sent on receipt of requirements.

KITCHEN RANGE BOILERS AND FITTINGS.



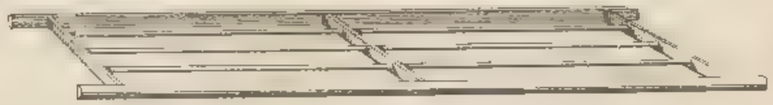
C 420

C 421



C 423

C 425

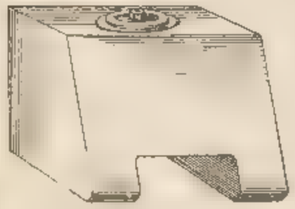


C 426

C 3470.

C 3471.

C 3472



C 422

C 424.

C 427

C 429.

C 420.—Boot Boiler, wrought welded, $\frac{3}{8}$ in., with steel body, two improved manhole covers, and india rubber washers.

32 in. high at back × 13½ in wide × 6 in. thick in back £4 7 6 each
Boot 9 in projection × 8 in thick

Made to any other sizes at a few days' notice

C 421 Bath Boilers, wrought welded, $\frac{3}{8}$ in. thick, steel plates, improved oval manhole cover, and india rubber washer

12 in	long × 6 in.	deep × 9½ in.	top × 11 in.	bottom ...	26/-	each
14 in.	,, × 6 in.	,, × 9½ in.	,, × 11 in	,, ...	30/-	,,
16 in.	,, × 7½ in.	,, × 11½ in.	,, × 13 in	,, ...	35/	,,
17 in.	,, × 9 in.	,, × 13 in.	,, × 15 in	,, ...	40/6	,,
13½ in	,, 8 in.	,, × 11 in	,, × 12½ in.	,, ..	32/6	,,
13½ in	,, 8 ,,	,, 13 ,,	,, 14½ in.	..	37/6	

Made to any other sizes at a few days' notice

Ditto, made from $\frac{5}{16}$ in iron plate, with round manhole cover and india rubber washer

12 in. long × 6 in. deep × 9 in. top × 11 in. bottom ... 18/6 each.
13½ in. ,, × 8 in. ,, × 11 in ,, × 12½ in. ,, ... 23/6 ,,

C 422 Bath Boiler, with arch flue, wrought welded, $\frac{3}{8}$ in. thick, steel plates, improved oval manhole cover, and india rubber washer, 37/6 each and upwards.

Ditto, made from $\frac{5}{16}$ in. iron plate, with round manhole cover and india rubber washer, 21/6 each and upwards.

C 423. -Strong Double Baking Pans, with Meat Stand.

15 × 15	16 × 16	16 × 20	18 × 18	18 × 20	20 × 20	22 × 26 inches
13/-	13/6	14/3	14/3	16/	16/6	20/- each.

Any other sizes made to order.

Stamped ditto ... 14 × 11½ 13 × 13 14 × 14 16 × 16 inches
6 3 7/- 7/9 8/9 each

C 424 Sheet Iron Sliding Register Top Plates ... 2/- per foot

	3 ft.	3 ft 6 in.	4 ft.	4 ft. 6 in.	5 ft.	6 ft.	
C 425.—Flue Brushes	1/-	1 3	1/6	1/9	2/-	2/3	each.

C 426.—Plate Racks, with bright front & brackets for fixing 2 per ft

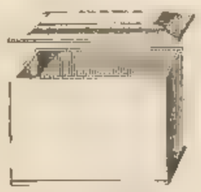
C 427 —Fall Bottoms for Ranges.

8 × 4½ × 3	9½ × 4½ × 3	9 × 6 × 3	10 × 5½ × 3 inch
1/6	1/9	2/-	2/- each
11 × 6 × 3	10 × 6½ × 3	11 × 4½ × 3	13 × 6 × 3 inch.
2 6	2/6	2/-	3/- each.

C 429 —Well Kettles, best block tin, with copper bottoms, for ranges.

2	3	4	6	8 quarts
6/6	7/-	7/6	9/6	10/9 each.

		$\frac{3}{4}$ inch.	1 inch
C 3470 —Patent Safety Valve	... ..	5/6	6/9 each
C 3471. ,, ,, ,,	... ..	7 6	9/- ,,
C 3472 — ,, ,, ,,	.. ..	5 6	6 9 ,,

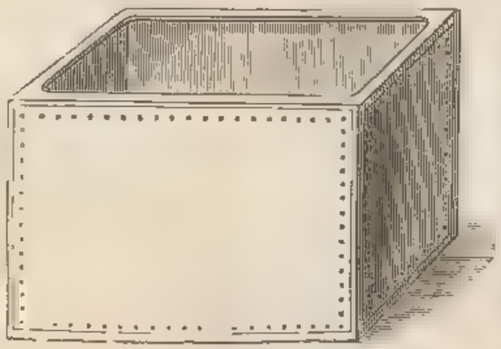


C 430.
Cast Iron Supply Cisterns, with covers.

Long	Wide.	Deep.	Black.	Galvd.
11¾	6	9	3/9	6/6
16	6½	12	5/3	9/-
18	6½	12½	5 9	10 6
19	11	13	9/-	16/-

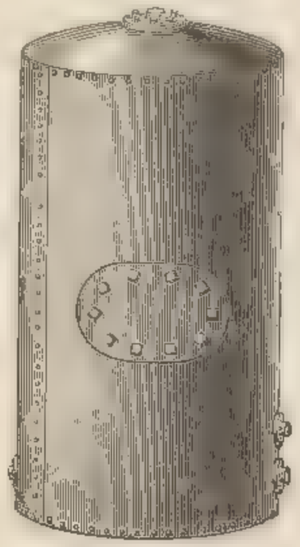
C 434.
Galvanized Wrought Iron Supply Cisterns, with covers.

15 × 6 × 12	18 × 6½ × 13	18 × 12 × 15
7 6	8/6	10/

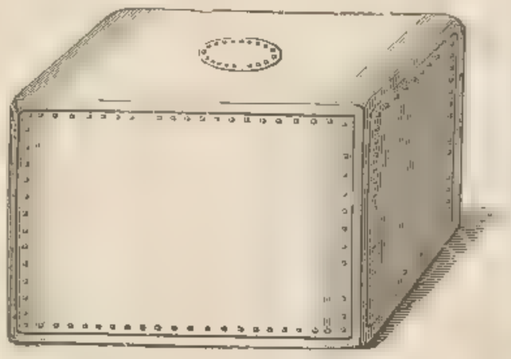


C 431.
Galvanized Iron Open Cistern

For prices see loose price list

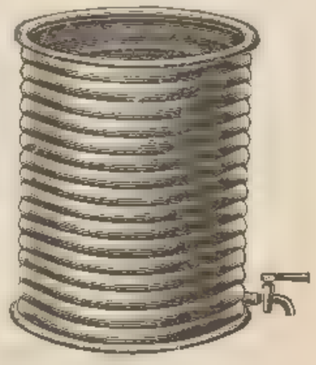


C 432 —Galvanized Hot Water Cylinder
For prices see loose price list



C 433
Galvanized Hot Water Tank, with manhole, and cover bolted down.

For prices see loose price list



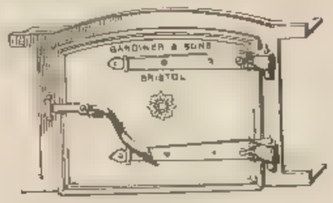
C 3473
Galvanized Corrugated Cistern.

For prices see loose price list

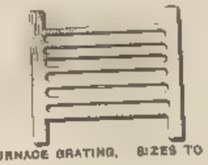
Further details will be sent on receipt of requirements.

BAKERS' OVEN APPARATUS, CAST BOILERS, Etc.

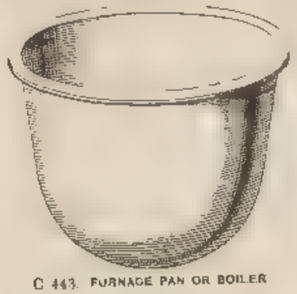
C 435. FURNACE DOOR & FRAME.



C 436 OVEN DOOR.



C 437. FURNACE GRATING. SIZES TO SUIT DOORS



C 443. FURNACE PAN OR BOILER

C 444
FURNACE PAN, WITH PIPE AND DRAW-OFF COCK

C 445 PATENT DAMPER AND FRAME

C 446. DAMPER AND FRAME

C 447
SOOT DOOR

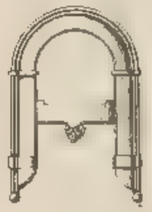
C 455
EARTH RAMMER

C 439 FURNACE BAR

C 440. SQUARE & FLAT BEARING BARS

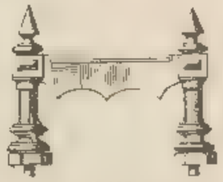
C 441. PLUMBER'S POT

C 442 THREE-LEGGED POT



C 451
WALL SCRAPER

C 452.
SCRAPER FOR STONE



C 453
SCRAPER FOR STONE

C 454
SCRAPER FOR STONE

C 448.
SQUARE SASH WEIGHT

C 449.
ROUND SASH WEIGHT

C 450.
SCRAPER
TO DRIVE

C 435 Furnace Door and Frame, 5 to 12 in. 12/6 per cwt.

	6	8	9	10 inch.
Sets of Furnace Doors and Frames and Gratings ...	2/-	2/6	3 -	4 - 5/- per set.

12 inch Strong Furnace or Bakers' Oven Door, with Back Plate, weight about 0 cwt. 3 qrs. 6 lbs. } 17/6 per cwt.
14 inch ditto, weight about 1 cwt.
Strong Kiln Door, 13½ × 12 in. inside measure, weight about 0 cwt. 3 qrs. 19 lbs. ... } 12/- per cwt.

C 436 Oven Door & Frame, 12 to 24 in., right or left hand, 6½d. per inch
C 437 Furnace Gratings, light, sizes to suit doors 10/6 per cwt.
C 438 Ashpit Gratings, 10×12, 12×14, 14×16, 16×18 ins. 15/- ,,
2d. per lb
C 439 Furnace Bars .. .. 9/6 ,,
Bakers and Bolled Bars 9/6 ,,
C 440 Square and Flat Bearing Bars, same price as Furnace Bars, C 439.

	6	8	10 inch.
C 441 Plumbers' Pots	1/6	1/4	2/4 each

C 442.—Three Legged Pots

	¼	½	1	1½	2 gallons.
	6d.	7½d.	9d.	11d.	1/2 each.

Ditto, 2½ gallons and above 7d. per gal.

C 443.—Furnace Pans, Black, 6 to 20 gallons .. 4d. ,,
25 to 30 ,, 4½d. ,,
35 to 100 ,, 5½d. ,,
120 to 200 ,, 6½d. ,,
Ditto, Galvanized, 6 to 20 ,, 6½d. ,,
25 to 30 ,, 7½d. ,,
35 to 50 ,, 8d. ,,
60 to 100 ,, 9d. ,,

SIZES OF FURNACE PANS.

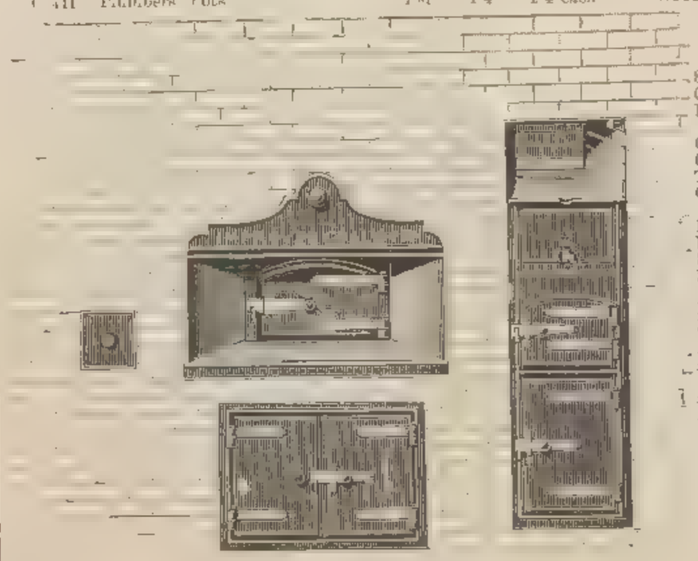
	6	8	10	12	14	16	18	20	25	30	35	40	50	60	70	80	100 gal.
Wide in clear	15½	17	18½	19½	20½	21	22	22½	24½	25½	26½	28½	30½	31	33½	35½	38½ ins.
Depth	12	13½	14½	15	16	17	18	18	19	21	21	22	24½	25	27	28	30 ,,

C 444.—Furnace Pan, with Boss cast on, drilled and screwed for 1 in. wrought tube—16, 20, 25, 30 or 40 gallons, Black, 8d.; Galvanized, 1/- per gallon.
Other sizes in proportion.
Wrought Tube and Fittings, about 2/- each. 1 in. Brass Taps, 5/- each and upwards.

C 445.—Patent Dampers and Frames, Frames cast in one piece—

Nos.	1	2	3	4	5	6	7
Size in opening ..	3½×4½	4½×5½	5½×6½	6×7½	7×8¾	8×9¾	9×10¾ ins
	9d.	11d.	1/1	1/4	1/6	1/9	2/- each.

C 446.—Damper and Frame, opening 12×14 in. ... 5/- ,,
C 447.—Soot Door, single, 6×4½ in. 2/- ,,
,, ,, 8×5¾ in. 2/9 ,,
,, ,, 10×7½ in. 3/6 ,,
,, ,, 12×8½ in. ... 4/6 ,,
C 448.—Square Sash Weights, according to size and quality 7/- to 7/6 per cwt.
Ditto, with Pulleys, each extra.
C 449. Ordinary Round Sash Weights ... 5/6 ,,
Special Price for Half-Ton Lots and upwards.
Collars or Increasers, ½ or 1 lb., 2d. per lb.
C 450. Scraper to Drive, blacked 1/4 each
C 451.—Wall Scraper blacked 1/4 ,,
C 452. Scraper for Stone, blacked 1/4 ,,
C 453.— ,, ,, ,, 1/- ,,
C 454.— ,, ,, ,, 1/- ,,
C 455. Earth Rammer 8 lb., 1/3; 12 lb., 1/10; 14 lb., 2/3 ,,
,, square 10 lb., 1/6; 14 lb., 2/3 ,,



C 458. Improved Bakers' Oven Apparatus.

	No. 1.	No. 2.	No. 3.	
Size of Oven Mouth	18	20	22	inches.
Capacity of Oven	10	14	16	bushels.
Price per Set ...	£10 7 6	£11 1 6	£11 15 0	as List below

	No. 1.	No. 2.	No. 3.
Oven Door or Stock	21/-	23/9	28/-
Ornamental Top Plate	5/3	5/3	5/3
Two Side Coves	11/9	11/9	11/9
Oven Plate Bottom	10/9	10/9	10/9
,, Top ..	9/9	9/9	9/9
Box Register ..	15/3	15/3	15/3
Five Fire Bars and Two Bearers ...	13/9	15/-	16/9
Flat Damper and Frame	4/-	4/-	4/6
Double Fire Door and Frame ..	20/3	21/6	22/9
Ashpit Door and Frame	19/3	20/3	21/6
Boiler, with Lid, and Tap and Front	30/6	33/6	36/-
Proving Doors ...	47/3	50/3	54/-

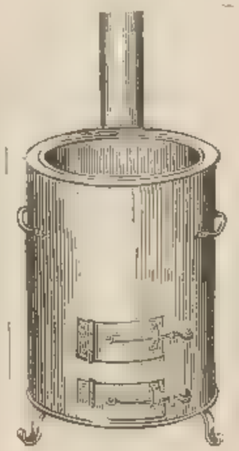
EXTRAS.

Lamps ... . 2/6 each.
Upsets .. 12 in., 2/6; 18 in., 3/9, 24 in., 5/3; 30 in., 6/6 ,,
Flame Director ... . 6/6 ,,
Wrought Tie Rods .. .. 37/3 per set.
Buckstaves and Corner Plate .. ... 13/6 cwt.

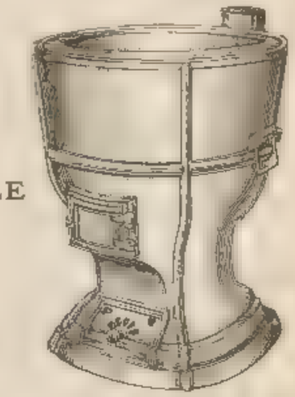
C 459.—PORTABLE FURNACE.

Sheet Iron Body, with wrought Galvanized Boiler, and 2-ft. pipe and elbow.

Sizes	6	8	10	12	16	20	25	30 gallons.
Price	28/6	31/-	33/6	40/-	46/6	53/6	62/6	80/- each



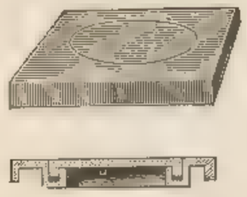
C 460. CAST PORTABLE BOILER.



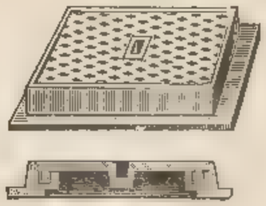
Sizes	8	10	12	14	16	20	25	30
Prices, with Galvanized Boiler	31/6	36/-	41/-	45/6	50/-	57/6	69/-	80/-

¾ ¾ 1 in.
Draw-off Cocks fitted to above 11/- 14/- 18/- extra
Hinged Galvanized Covers, 12/- to 21/9. Flue Top or Back.
If mounted on wheels, 3/6 each extra.

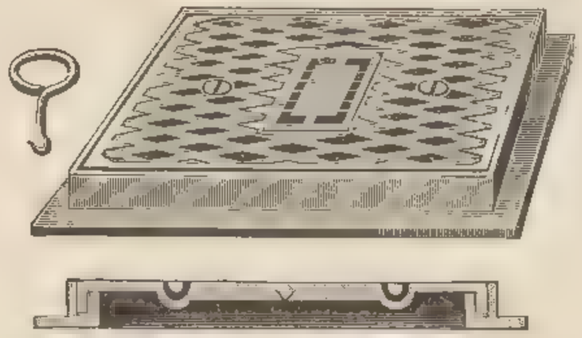
Further details will be sent on receipt of requirements.



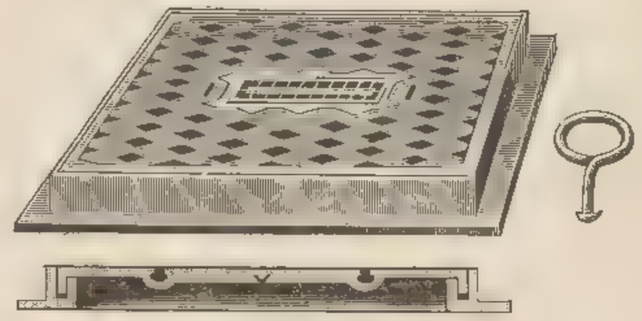
C 3480.



C 3481

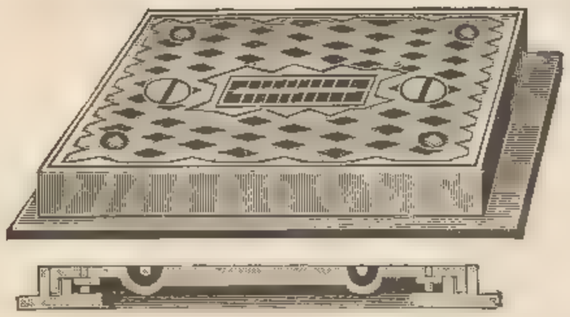


C 2240.

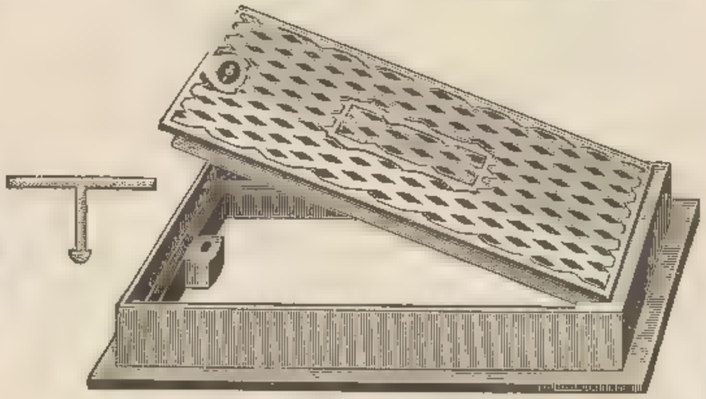


C 2241.

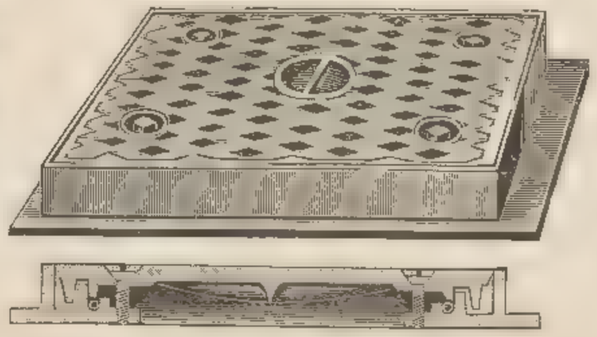
C 488



C 3482.

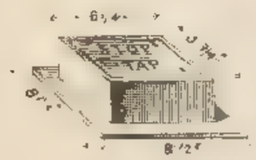


C 493

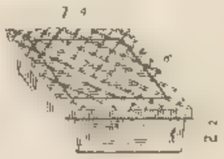


C 491.

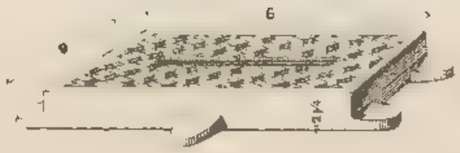
C 489



C 552.

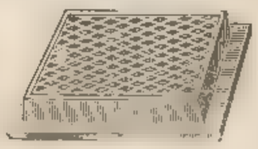


C 553.



C 551

C 484



C 485

C 486.

C 3480.—Air Tight Inspection Cover for cleansing shaft, 12 in. square over all, 6 in. opening in clear . . . 3/9 each.
C 3481.—Ditto, 12 in. square over all, 9 in. opening in clear . . . 5/- ,,
C 2240.—Air Tight Manhole Cover and Frame, light pattern. The joint to be made with grease, soft soap or sand—

Sizes—12×12 in. in the opening	4/6	each.
15×15 in. ,, ,,	6/9	,,
18×18 in. ,, ,,	8/6	,,
24×12 in. ,, ,,	9/3	,,
24×18 in. ,, ,,	11/6	,,
24×24 in. ,, ,,	13/6	,,

Hooks for ditto, 4d. each extra.

C 2241.—Ditto, heavy pattern, with key holes—

Sizes—12×12 in. in the opening	9/-	each.
15×15 in. ,, ,,	12/-	,,
18×18 in. ,, ,,	14/6	,,
24×12 in. ,, ,,	15/-	,,
24×18 in. ,, ,,	18/6	,,
24×24 in. ,, ,,	21/6	,,
30×12 in. ,, ,,	18/-	,,
30×18 in. ,, ,,	21/-	,,
30×24 in. ,, ,,	25/-	,,
30×30 in. ,, ,,	31/6	,,
36×24 in. ,, ,,	30/-	,,

Keys for ditto, 6d. each extra.
Galvanizing ditto, 11/- per cwt. extra.

C 3482.—Air Tight Manhole Cover and Frame, cover held down with 4 Gun-metal screws. Asbestos tape seating. Key holes or hand holes.

Sizes—12×12 in. in the opening	21/6	each.
15×15 in. ,, ,,	24/6	,,
18×18 in. ,, ,,	27/-	,,
24×12 in. ,, ,,	27/6	,,
24×18 in. ,, ,,	31/-	,,
24×24 in. ,, ,,	34/-	,,
30×12 in. ,, ,,	30/6	,,
30×18 in. ,, ,,	33/6	,,
30×24 in. ,, ,,	37/6	,,
30×30 in. ,, ,,	44/-	,,
36×24 in. ,, ,,	42/6	,,

If with two gun-metal screws, 2/6 each less.
Galvanizing ditto, 11/- per cwt. extra.

C 491.—Double Joint Air Tight Manhole Cover, with india-rubber seating, and is also provided with a groove to be filled with grease, soft soap, or sand. Cover held down by four gun-metal screws—

Sizes—12×12 in. in the opening	30/6	each.
16×16 in. ,, ,,	34/6	,,
22×22 in. ,, ,,	48/-	,,
28×22 in. ,, ,,	57/-	,,

If asbestos tape seating instead of rubber, 2/6 each extra.

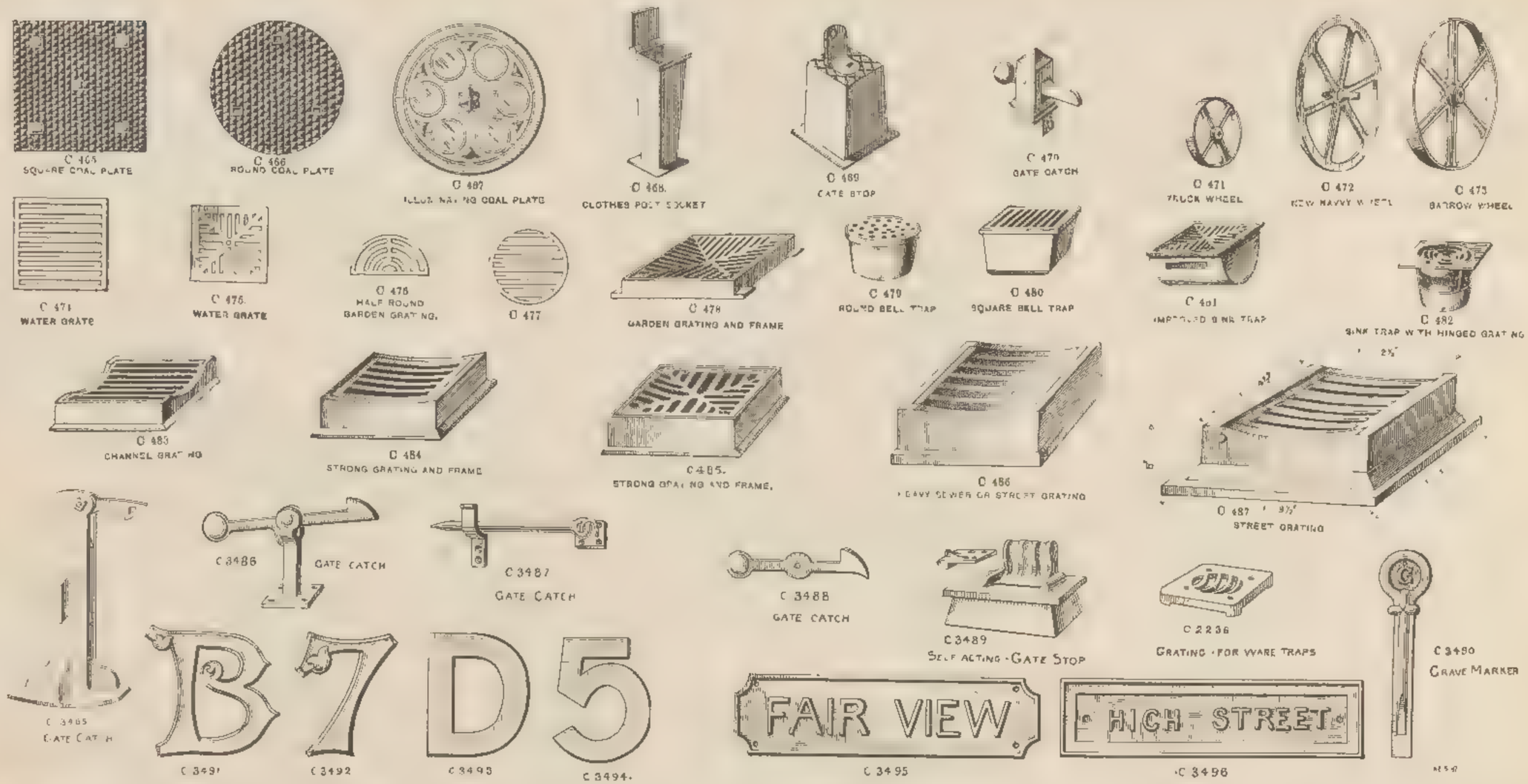
C 493.—Air Tight Manhole, with india-rubber seating, and lock and key made with flanges at top, or at bottom as drawn—

Sizes—11½×10½ in. in the opening	18/6	each.
18½×15½ in. ,, ,,	28/-	,,
24×18 in. ,, ,,	37/-	,,
24×21 in. ,, ,,	41/6	,,
30×18 in. ,, ,,	45/6	,,
30×24 in. ,, ,,	57/-	,,

If the locking screw is fitted with patent nut, 2/3 each extra.
If the locking screw is of gun-metal and fitted with patent nut, 4/- each extra.
If asbestos tape seating instead of rubber, 2/6 each extra.

C 488.—Step Irons for sewer entrances . wrought iron, 1/9, galvanized, 3/9 each.
C 489.—Ditto ditto ditto . . ,, 1/9; ,, 3/9 ,,
C 490. Ditto ditto ditto . . cast iron, 10d.; ,, 1/9 ,,
C 551.—Meter Cover and Frame, 18×9×2½ in. . . . . 5/9 ,,
C 552.—Stop Tap Box, 6¼×5¾ in. . . . . 2/6 ,,
C 553.—Ditto 7¼×6 in. on top . . . . 2/3 ,,
Ditto, heavier, 5½×5¾ in. . . . . 3/6 ,,
C 3483.—Ditto, 9½ in. square over flange, 6 in. square inside, to lock . . 4/3 ,,
C 3484.—Ditto, 10 in. square over top, 9 in. square inside, to lock 6/9 ,,

COAL PLATES, GARDEN AND STREET GRATINGS, &c.



Square Coal Plates 12 in. 2/3, 14 in. 2/9, 16 in. 3/6, 18 in. [illegible]
Frames for ditto 14 in. 2/10, 16 in. 3/2, 18 in. [illegible]
Ditto in frame, with ring, 15×15 in. in clear [illegible] 7/9
Ditto, ditto, self fastening " [illegible] 8/3 "

C 466.—Round Coal Plates . . 12 in. 1/6, 14 in. 2/3, 16 in. 2/6 "

C 467.—Illuminating Coal Plates, fitted with glass discs 12 5/6, 14 7/-, 16 8/9, 18 in. 11/6 each

C 468.—Clothes Post Socket " 3 in., 4/3 "

C 469 Gate Stops . 8×7¼ in. 5/3, 8½×7¼ in. 5/6, 10×9¼ in. 8/3 "

C 470.—Gate Catch . . . . 3/6 "

C 471.—Truck Wheels, 5in. dia. 1/-, 6in. 1/3, 8in. 2/6, 10in. 3/6, 12in. 4/- per pair
19/- 17/6 per cwt.

4/2 New Pattern Navvy Wheel, 16½ in. dia., tyre 1 in. wide on plate, 2/3 each
4/6 Barrow Wheels 16 in. diameter 2/10, 18 in. 3/6
Water or Drain Gratings straight bars, 4 to 12 in., 15/- per cwt. 24 per lb
Mitred " " " 24
Ditto, galvanized " 2 " 2d
Ditto, heavy mitred, 6, 8, 10 in. square 1/6
Ditto, extra heavy ditto, 12 in. square 1/-
Wrought, straight bar 5 in. [illegible] 6 in. 2/ each

C 476.—Half Round Garden Gratings [illegible] 5 in. 8d "

C 477.—Round Drain Gratings, rebated, 9, 4, 5in. dia., 10/- per cwt., 2½d. per lb
Ditto, 6, 7, 7½, 8, 9, 10, 10½, 12, 14in. dia., 16/- " 2d "
Ditto, not rebated, for earthenware sinks, ½ in. thick
3 in. 1/6 4 in. 1/9 5 in. 2/- 6 in. 2/6 per dozen

C 478.—Garden Gratings and Frames, 6in. 1/-, 8in. 1/6, 10in. 2/-, 1[illegible] [illegible]

C 479.—Round Bell Traps, oiled . 3in. 4d., 4in. 6d., 5in. 8d [illegible]

C 480.—Square Bell Traps, oiled . . 6d. 8d. 1/- 1/6 2[illegible] [illegible]
Extra Gratings for ditto . . 3d. 4d. 5d. 7d [illegible] 1/- [illegible]
4 5 6 7 8 9 10 12 in.

C 481. Improved Sink Trap, oiled 6½d. 10d. 1/2 1/7 2/2 3/- 3/9 5/9 each
Extra Gratings for ditto 3d 4d 5d. 7d. 10d 1/1 1/4 2/- "

C 482.—Sink Traps, hinged gratings, oiled, 6in 1/8, 7in 1/10, 8in. 2/4, 9in 2/9 "

C 483. Channel Gratings . . 8 in 2/6, 10 in. 4/3, 12 in. 6/3 "

C 484 Strong Grating and Frame, 1 in. square in grating, weight about 0 cwt., 3 qrs. 5 lbs [illegible] per wt

C 485 Strong Grating and Frame, with [illegible] square in grating . 13
Ditto 12 in. square grating 1/3

Weight [illegible] 12 in. [illegible] cwt. [illegible] qrs., [illegible] lbs

C 486 Heavy Sewer or Street Grating
1 in. square in grating, weight [illegible] 2 qrs. 2 lbs 8/6 per cwt
18 in. " " " " 2 cwt., 1 qrs., 0 lbs., 7/9 "
[illegible] 3 cwt., 3 qrs., 0 lbs., 7/- "

C 487.—Street Gratings, hinged
16½×14½×6 in. at top [illegible] each.
14½×12 ×6 in. at top 21/- "
13½×13½×2½ in. at top . . 16/9 "

C 3485. Cast Iron Gate Catch, for iron gates 8/3 "

C 3486 Malleable Iron ditto, for wood Gates, with 2 striking plates, 5/6 "

C 3487 Ditto 12 in. 1/6 14 in. 1/6 "

C 3488. Ditto, with two striking plates 11 in. long . . 2/6 "

C 3489 Self Acting Rising and Falling Gate Stop— *Extra strong
[illegible]×5½ 7½×6½ 9½×7½ 10½×7½* 12×8½ 16×13 in.
4/- 8/- 10/- 12/6 15/- 30/- each.

C 2236.—Gratings for Earthenware Traps . . 5 in. 7/8, 6 in. 8/- per doz

C 3490 Grave Marker, prices on receipt of specification of quantities and lettering

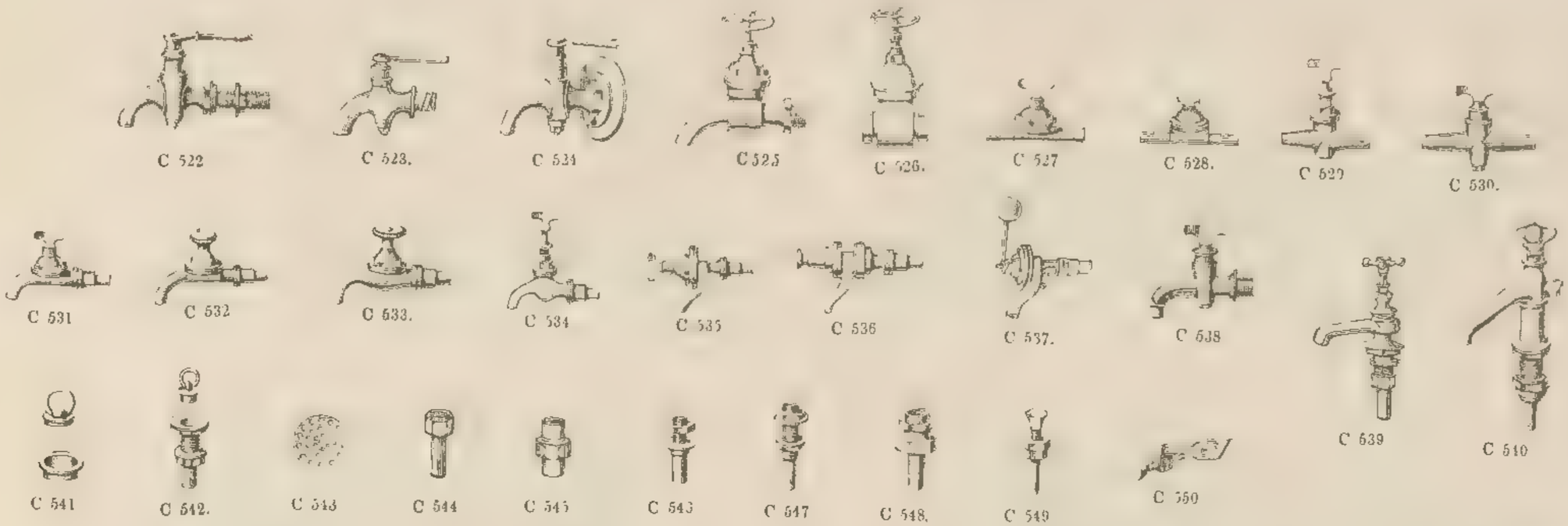
C 3491-4. Cast Iron Letters and Numerals, plain block and ornamental. These Letters are now very much used for signboards and other facia advertising. They are usually drilled for fixing with wood screws, but can be had with batts at slight extra cost. Prices of Signboards made up of above Letters, fixed to wrought iron bars, on application

	1	6	9	12	16	20	24 in.
Black	7d.	9d.	1/2	1/8	2/6	4/-	5/- each.
Porcelain Enamelled ...	1/9	2/3	3/2	4/8	7/6	11/6	16/- "
Metallic Enamelled in Colours	1/6	1/9	2/9	3/8	6/	8/-	11/ "
Metallic Enamelled, relieved with Gold	2/3	2/6	4/-	6/-	8/6	10/6	13/6 "

C 3495 Cast Iron Street Name Plates } Prices on receipt of specification of
C 3496. Ditto ditto ditto } quantities, sizes, and lettering

Further details will be sent on receipt of requirements.

PLUMBERS' FITTINGS.



C 522	Gun-metal Range Cock, strong, long tail		6 3	8 9	15 6	each
C 523	Brass ditto, light, long tail	2 10	3	4 -	6 6	,,
C 524	Brass Range Cock, light, screwed for iron pipe	2/7	3/6	4 2	6 6	,,
C 525.	Best Gun-metal Range Cock, with loose plate, proved to 40 lbs. steam, short tail, screwed for iron pipe	¾ in. 1 -	1 in. 16/6			each
C 525.	—Gun-metal Bib Valve, wheel top, tested to 100 lbs. per square inch—	½	¾	1	1¼	inch
	Screwed for iron pipe	4/6	5/9	7 9	10 -	each
C 526	—Gun-metal Stop Valve, wheel top, tested to 100 lbs. per square inch	½	¾	1	1¼	1½	2	inch
	Screwed for iron pipe	4 6	5 9	7 9	10 -	12 6	18 -	each
C 527.	—Tinned End Stop Valve						in. 2 8	in. 3 3	each.
									inch.
	Best Quality Tinned End Stop Valve		3 6	3 10	6 -				each
C 528	—Best Quality Tinned End Stop Valve, china centre, labelled "hot" or "cold"				¾ in	4 2			each
						1			inch
C 529	—High Pressure Stop Cock, tinned end	2/4	2 10	5	7 6				each.
	Ditto, screwed for iron		3 4		5				
									inch
	—Ditto, lighter tinned ends		1 5	1	2 8				each
C 2291	Ditto, screwed for iron		1 8	1	1				
					1				
	—Screwed Bottom Stop Cock, tinned end	1/7	1/9	2/-	4 4				each
	Ditto, screwed for iron		2 3		5 8				,,
C 2295	High Pressure Stop Valve, china centre, labelled "hot" or "cold," tinned ends		2	2	3 4				inch each
C 2296	—Ditto, ditto, screwed for iron			3	3 9				
C 2297.	—Ditto, best quality, tinned ends			4	6 -				
C 2298	—Ditto, ditto, screwed for iron				6 6				
C 2299.	—Ditto, ditto, tinned ends, with union for lead				7				

C 531	—High Pressure Bib Valve, screwed boss		1/8	2/8		each.
	Ditto, for iron pipe		1 6			
C 532	—Basin Bib Valve, screwed boss, porcelain label, "hot" or "cold"		⅜ in. 4/-; ½ in. 4/6			each.
C 533.	—Bib Valve, screwed boss, horn knob, for hot water		½ 5/3	¾ 6/4	1 inch. 10/6	each.
	Ditto, for iron pipe		5/-	6/-	9/9	,,
C 534.	High Pressure Bib Valve, screwed boss		⅜ 2/3	½ 2/6	¾ inch 3/9	each.
	Ditto, for iron pipe		2 -	2 3	3 4	,,
	Best quality ditto, screwed boss	2/11	½ 3/8	¾ 6/3	1 inch. 9 6	each.
	Ditto, for iron pipe	2 7	3 2	5 3	8 2	,,
C 2302.	High Pressure Bib Valve, screwed boss		1/5	1/8	¾ inch 2/10	each.
C 2303	Ditto, screwed for iron		1 4	1/7	2 9	,,
2306.	—High Pressure Bib Valve, china centre, labelled "hot" or "cold," screwed boss		2/4	2/7	3/9	,,
C 2307	—Ditto, ditto, screwed for iron			2/6	3/6	,,
C 2308.	—Ditto, ditto, best quality, screwed boss			4/6	6/9	,,
C 2309.	—Ditto, ditto, ditto, screwed for iron			4/-	6/3	,,
				¾	½	inch.
535	—Diaphragm Bib Valve, best quality, screwed boss			4/6	6 3	each.
536	Self-closing Bib Valve, screwed boss			2/8	3 4	,,
537	—Careless Bib Valve, with lead ball, screwed boss			5/8	6/9	,,
C 538	Screwed Bottom Bib Cock, screwed for iron	⅜ 1/9	½ 2/-	¾ 2/11	1 inch. 5/-	each.
C 539	Gun-metal Screw Down Lavatory Valve, china label, "hot" or "cold," ½ in. × 2¼ in. projection, 5/-; ¾ in. × 2¾ in. projection, 8/9 each.					
C 3510.	—Ditto, light, red metal, ½ in. × 1⅞ in. projection				3 4	each.

C 540.	Self-closing Lavatory Valve, china label, lettered "hot" or "cold" ¾ in. × 2¼ in. projection, brass, 7/6, nickel plated, 10/-. Other projections to order					
C 541	Sink Plug and Washer, with grating	1½ in. 1/-,	2 in. 1 3,	2½ in. 1/9		each.
C 542.	Basin Plug and Washer, with union—¾ inch			1 in		
	Size of Flanges	2 or 2⅛ in. 2 1		2½ or 2¾ in		
		2	2¼	3	3½	4	5	inch
C 543.	Grating for Lead Trap	3d.	4½d.	5½d.	7d.	11d.	1/5	each.
C 544.	—Cap and Lining for connecting Lead Pipe to Iron			½ 4½d	¾ 9d.	1 inch 10½d.	each.
C 545.	—Union for Iron Pipe			1 5	1 10	3 -	
C 546.	—Boiler Overflow Screw			7d.	10½d.	1 3	
				⅝	¾	1	inch
C 547.	—Boiler Joint			10d.	1 3	1 7	each
				½	¾	1	inch
C 548.	Union for Iron and Lead Pipe			1 -	1 5	3 6	each
				½	¾	1	inch
	Ditto, Male for Iron and Lead Pipe			11½d.	1/4	1/9	each
C 549.	Drainer for Soap Dishes of Marble Lavatory Top—½ inch lead, brass, 2/6, electro-plated, 3/9 each						
C 550.	—Brass Trunnion and Socket, with lead pin, for Tip-up Lavatory Basin, 2/9 per set						
				⅜	½	¾	inch
C 554.	New Pattern Ball Valve, copper ball, screwed boss			2 1	2 11	6 8	each
	Ditto, for iron pipe			2 -	2 10	5 10	,,
	Ditto, with long screw, nut and union, for iron cisterns				3/4		,,
C 2321.	—Equilibrium Ball Valve, copper ball, screwed boss			⅜ 2/8	½ 3/6	¾ 5 2	1 inch 8 -	each.
	Ditto, for iron pipe			2 6	3 3	4/9	7 3	,,
C 556.	High Pressure Ball Valve, copper ball—							
	Screwed boss			7/-	7/6	9/9	16/3	,,
	For iron pipe			6/9	7 3	9 3	15 -	,,

Special dozen prices on application.

BATHS AND BATH FITTINGS.

C 3497.

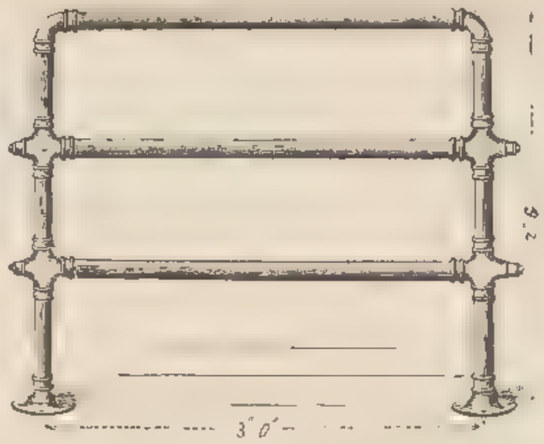
C 3498.

C 3497.—Bent Overflow,

1¼ in., 2/2 each.

C 3498.—Bent Plug and Washer with Union trapped.

1¼ in., 5/6 each



C 3505.—Improved Hot Water Towel Rail, made of 1¼ in. polished copper tube with gun metal mountings

Size, 36 in. long × 30 in. high ... £5 15 0 each

Can be made any size to order, price on application

C 503.—Improved Combined Bath Valves, hot, cold, and waste, complete with stand pipe, waste grating, and trap overflow through plug.

Sizes	¾	1 inch.
	25/-	28/9 per set.

Ditto ditto for cold and waste only

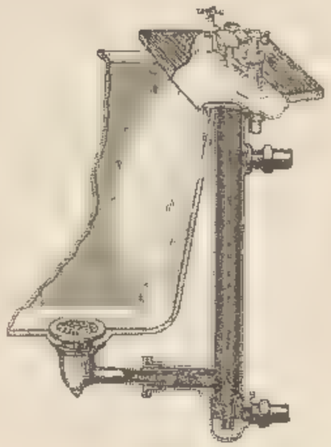
Sizes	¾	1 inch.
	22/-	24/6 per set.

C 504.—Improved Combined Bath Valves, hot, cold, and waste, with interlocking fittings to suit Bristol Water Company's regulations, complete with stand pipe, waste grating, and trap, overflow as drawn.

Sizes	¾	1 inch.
	31/6	35/- per set.

Ditto ditto for cold and waste only

Sizes	¾	1 inch.
	23/6	26/6 per set



C 504

C 505.

C 506.

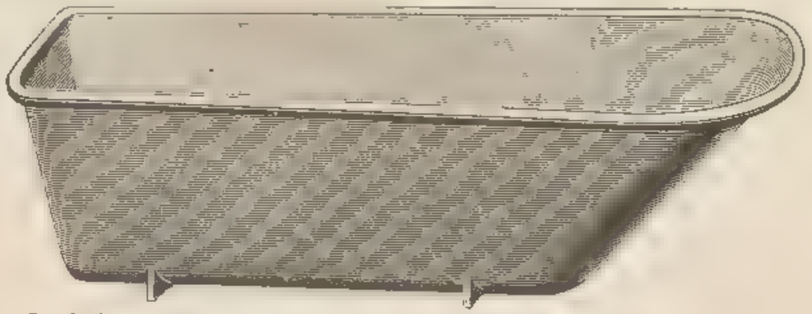
C 505.—Bent Plug and Washer, with union

1¼ in., 4/6; 1½ in., 6/- each.

C 3499.—Do. light, 1¼ in., 3/6 each

C 506. Bent Bath Waste, with union

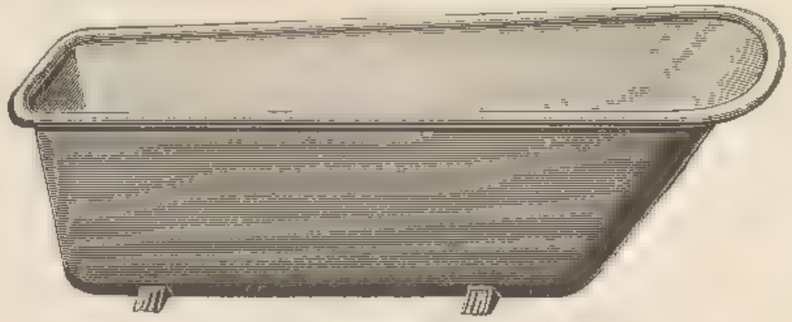
1¼ in., 3/9 1½ in. 5/6 each



C 3510. Cast Iron Bath, for wood casing, prepared for plug and washer or waste grating in bottom, finished in any colour.

Inside Measurements.

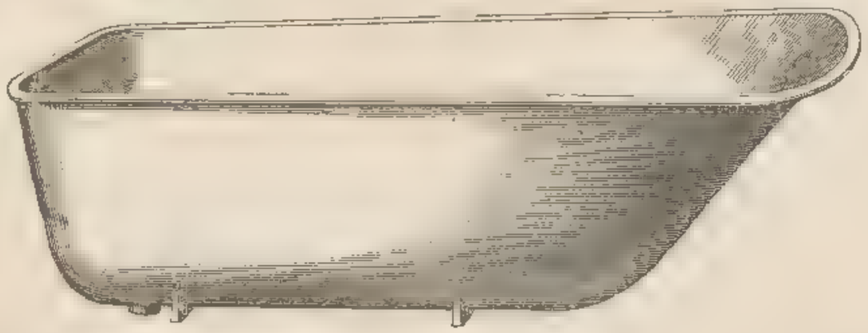
Sizes, ft. in.	Length ft. in.	Extreme Width ft. in.	Depth. ft. in.	3rd Quality Enamel.	2nd Quality Enamel.	Best Quality Enamel.
4 6	4 1½	2 [illegible]	1 [illegible]	[illegible]	51/-	60/-
5 6	5 4	2 2	1 [illegible]	[illegible]	[illegible]	[illegible]
6 [illegible]	6 1[illegible]	2 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]



C 3511.—Cast Iron Bath, with rolled edge, requiring no woodwork, prepared for plug and washer, or waste grating in bottom, finished in any colour

Inside Measurements

Sizes, ft. in.	Length. ft. in.	Extreme Width ft. in.	Depth. ft. in.	3rd Quality Enamel.	2nd Quality Enamel.	Best Quality Enamel.
5 0	4 11	2 [illegible]	1 5	[illegible]	[illegible]	6/-
5 6	5 4½	2 [illegible]	1 [illegible]	[illegible]	63	75



C 508. Cast Iron Bath for wood casing, prepared for plug and Washer or waste grating in bottom Finished in any colour

Length	Width at Shoulder	Width at Foot	Depth	3rd Quality Enamel.	2nd Quality Enamel.	Best Quality Enamel.
[illegible] ft	2 ft. [illegible] ×	1 ft. [illegible] in.	1 ft. [illegible]	45/-	49 6	[illegible]
[illegible] ft	2 ft. 2 in. ×	1 ft. 6¾ in.	1 [illegible]	55/-	63 6	[illegible]
[illegible] ft. ×	2 ft. 2½ in.	1 ft. 7 [illegible]	[illegible]	43 6	66/-	[illegible]

Measurements are in clear

C 509. Ditto ditto, size 5 ft. 6 in. long [illegible] × [illegible] in. wide at shoulder × 21 in. wide at foot, all in clear Japanned. 3rd Quality Enamel. 2nd Quality Enamel. 1st Quality Enamel. 1st Superior Enamel. Galvanised.

[illegible]	[illegible]	85/-	100/-	73/6

C 510.—Ditto, ditto, White Porcelain Enamel, size [illegible] ft 6 in. long × 19 in. deep × 26 in. wide at shoulders × 19 in. wide at foot, all in clear Price £5 16 6

C 511 Cast Iron Bath, with rolled edge, requiring no woodwork, prepared for plug and washer or waste grating in bottom

Length	Width at Shoulder.	Width at Foot.	Depth	3rd Quality Enamel.	2nd Quality Enamel.	Best Quality Enamel.
[illegible] ft ×	2 ft. [illegible]	[illegible]	1 ft. [illegible]	[illegible]	65 6	78
5 ft. 6 in. ×	[illegible] ×	1 ft. 7½ in.	[illegible]	[illegible]	73 6	88
6 ft. ×	[illegible] ×	1 ft. 9 in.	1 [illegible]	[illegible]	[illegible]	112 6

PATENT BATHS.

C 513 —Combined Taper Bath, with rolled edge requiring no woodwork, with hot cold and waste fittings, and soap dishes, waste and overflow in one piece with bath.

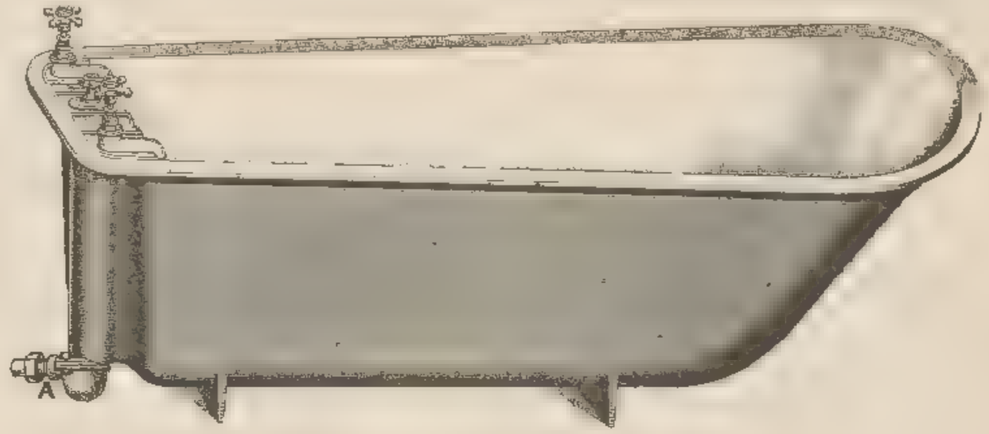
Length, 5 ft 6 in inside rolled edge	Japanned.	Metallic Enamelled. 2nd Quality	Metallic Enamelled. 1st Quality	Porcelain Enamelled.
	£3 18 6	£5 7 6	£6 6 0	£8 2 0

Interlocking Fittings and Overflow, as drawn, to suit Bristol Water Company's regulations, 10 6 extra.
Adjustable Trap marked A which may be turned round to any position, 1/9 extra
Nickel Plating of Brass Work, 3/6 per bath extra. Graining or decorating outside of Roll Edge Baths, 11/6 extra.

C 3512 Ditto, ditto, ditto, with cold and waste fittings only prepared for connecting to gas water heater

Sizes. ft. in.	Inside measurements: Length. ft in.	Extreme width. ft. in.	Depth. ft. in.	Japanned	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality
5 0	4 11	2 0½	1 5½	£3 18 0	£4 16 0	£5 7 6
5 6	5 4½	2 1	1 7	£4 4 0	£5 2 6	£5 11 6

Graining or Decorating outside extra. Nickel Plating of Brass Work, 5/- extra



C 512 —Combined Taper Bath for wood casing with hot, cold and waste fittings, and soap dishes, waste and overflow in one piece with bath Length 5 ft. 6 in inside rim.

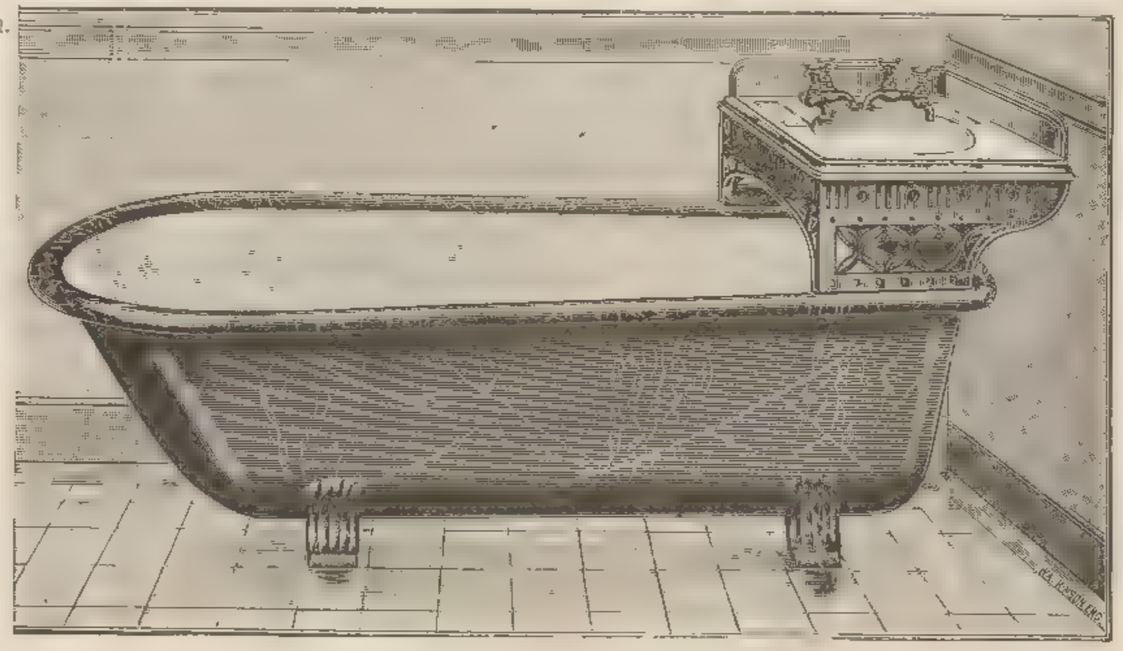
Japanned	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality.	Porcelain Enamelled
£3 6 0	£4 14 0	£5 14 0	£7 3 6

Adjustable Trap (marked A) which may be turned round to any position, 1/9 extra
Interlocking Fittings and Overflow, to suit Bristol Water Company's regulations, 10 6 extra
Nickel Plating of Brass Work, 3 6 extra

C 3515 —Combined Taper Bath, with walnut or mahogany capping, decorated or grained outside, hot, cold and waste fittings, and soap dishes, trapped waste and overflow in one piece with bath Length 5 ft 6 in. inside

Japanned	Metallic Enamelled 2nd Quality	Metallic Enamelled 1st Quality.
£7 0 0	£8 0 0	£9 0 0

If bath plain outside, 6/- less.
Interlocking Fittings and Overflow, to suit Bristol Water Company's regulations, 12/- extra
Nickel Plating of brass work 4/- extra



C 3516 —Patent Combination Bath, marbled outside, and Lavatory.

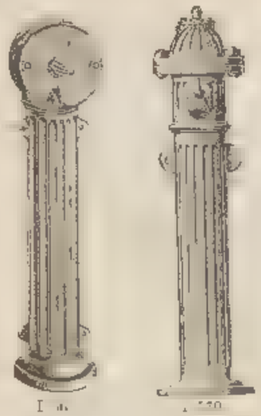
Sizes.—Bath, 5 ft 6 in long inside × 20 in deep, Ivory Earthenware Lavatory Basin, 24½ in × 20½ in, complete with hot and cold taps, plug and overflow, made either right hand, as drawn, or left hand, outside of bath, next wall, is not decorated

Japanned	Metallic Enamelled, 2nd Quality.	Metallic Enamelled 1st Quality.
£7 0 0	£8 1 6	£9 5 0

If bath plain outside, 7/6 less Nickel Plating of brass work, 7/6 extra

Further details will be sent on receipt of requirements.

FIRE EXTINGUISHING APPLIANCES.



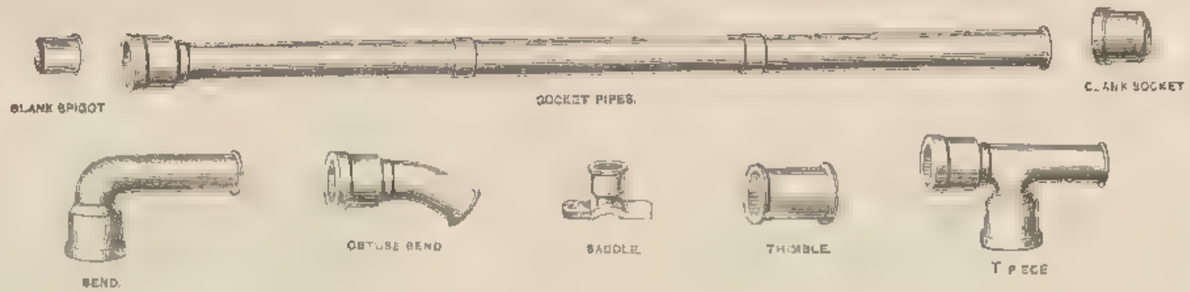
T 569. Water Pillar for fix[illegible] to wall, w[illegible] closing cock.

Size of cock .. [illegible] 18/- [illegible]

T 570.—Do., do., with [illegible] in. inlet pressure l[illegible] valve cock, with square top p[illegible] 12/ each

Keys for ditto, 2 [illegible] dozen.

T 571.—Do., do., larger, without ears, [illegible] cock [illegible] in. [illegible] each.



SOCKET PIPES FOR WATER OR GAS.

Proved at Works, 1 inch to 200 feet, and 1½ inch and above to 300 feet of Water Pressure.

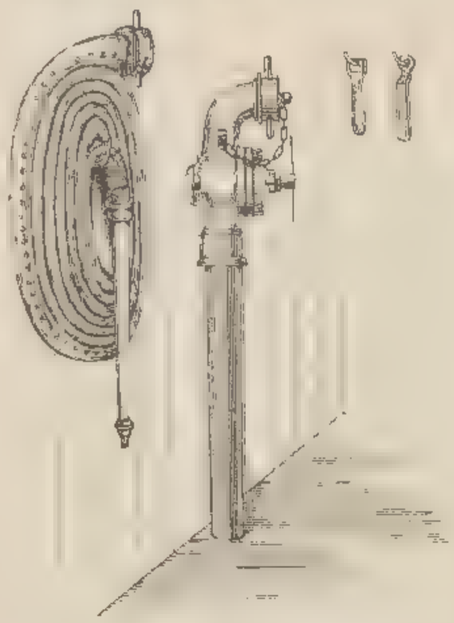
Inside diameter ..	1½	2	2½	3	4	5	6 inch.
Weight per yard, about ..	15	21	28	32	50	70	86 lbs.

Prices on application, stating size and quantity; also prices for beavier pipes.

T 572. Sluice Valve with [illegible] Gun Metal Flanges, either with flange or socket ends, proved to a pressure of 600 feet.

T [illegible]

FIRE EXTINGUISHING APPLIANCES.



T [illegible]

T [illegible] Brass Fire Valve, for internal work, with square head [illegible] screwed for w[illegible] pipe

	1½	[illegible]	2½ inch.
	36/-	4[illegible]	81/6 each.
Extra if with brass wheels	4/6	5/-	6/9 ,,

2 in. Valve screwed for 2½ in. Brigade outlet, 5/9 extra.

T [illegible] Best Quality Copper Riveted Leather Delivery Hose. 2 inch, 2/9, 2½ inch, 3/2 per foot.

T [illegible] W[illegible] [illegible] feet lengths .. } Superior quality, rubber lined } 1/5 1/8 1/10 2/- 2/5 2/8 ,,

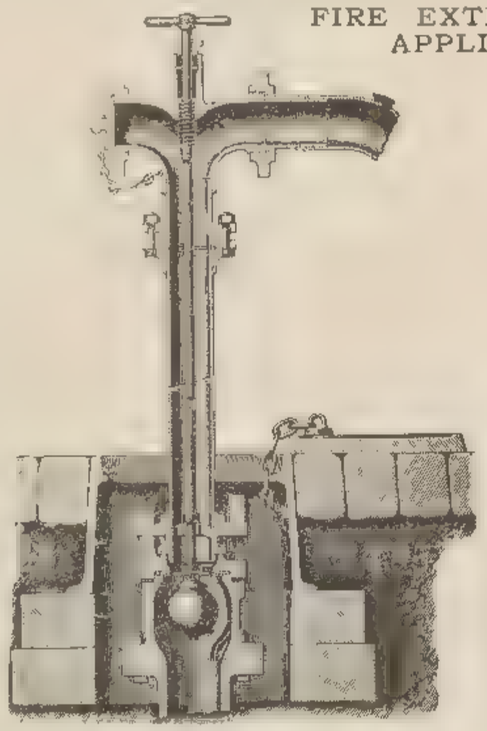
W[illegible] Hose [illegible] Hose Screws, state external diameter of Screws.

T [illegible] Copper Hand Pipe, screwed to any ordinary size thread, with gun metal jet, 27/-.

	2	2½ inch
T 577.—Strong Gun Metal Hose Couplings	12/3	17/6 per pair.
	1½	2	2½ inch
T 578. Light do., for Canvas Hose only	7/-	10/3	13/- per pair.

Coupling Wrench for 1½ and 2 in., 1/6; 2½ in., 5/9 each extra.

	1½	2	2½ inch.
Tying couplings on hose	3/-	3/6	4/- pair extra.



T 579. Patent Ball Hydrant or Fire Cock . 8/6 each

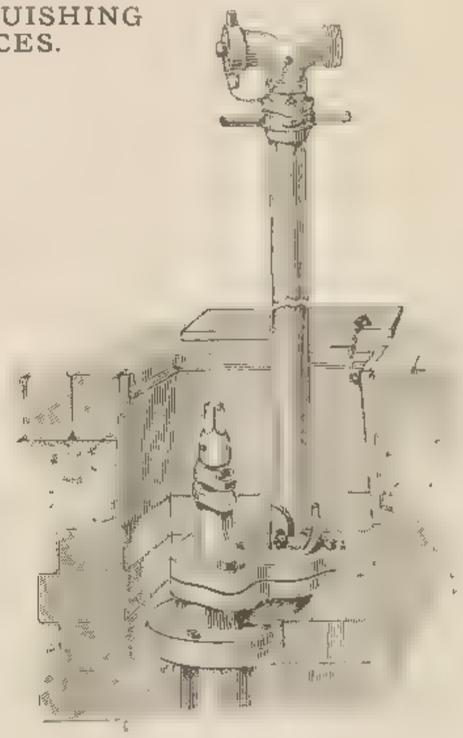
Do. do., with socket screw hose }	2	2½	3	4 inch pipe.
	12	[illegible]	[illegible]	[illegible] each

	Single Outlet.	Double Outlet.
Copper Stand Pipe for above to suit either 2 or 2½ inch hose	71/3	83/3 each.

Surface Boxes for do., small pattern, 6/6; large pattern, 7/9.

Extra for Chained Lid, 4d. Hinged Lid, 4d.

Hinged, to lock with turnbuckle, 1/-.



	2	2½ inch.
T 580. Patent Screw-down Hydrant Valve	22/6	23/9

If with Gun Metal Hose Screw Outlet, 7/6 extra.

Copper stand pipe for above to suit either 2 or 2½ in. hose [illegible]

	1½	2	[illegible]
Single discharge outlets	54/6	62/6 each.	
Double do. do.	62/6	72/6 ,,	

Surface boxes for do., small pattern, 8/3; large pattern, 11/3.

Extra for Chained Lid, 1/-. Hinged Lid, 1/-. Hinged, to lock with turnbuckle, 1/-.

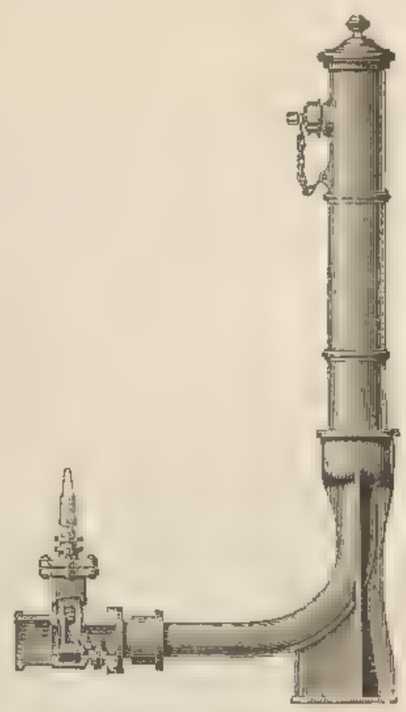
To Pipe for connecting Hydrant to Main with spigot and socket ends.

Diameter of pipe	2	2½	3	4	5	6 inch.
	5/-	5/6	7/6	8/9	11/3	15/- each

Elbow Piece, with Flange for connecting Hydrants to socket ends of main

2 in., 4/3 2½ in. 4/9 3 in., 5/6 4 in., 6/3 each

Bolts and nuts and I. R. washers for attaching hydrants to flanges, 1/3 set.



T 581.—Street Watering Post or Yard Hydrant, with sluice valve, frost cock, elbow, and gun metal hose screw, outlet at side or top, iron cap and chain

Size of valve 2 in., 88/9 2½ in. 101/- each.

Street Service Box to [illegible] 8/3 each

Wrought iron swan-neck pipe, with gun metal half coupling for filling water carts from top of posts 23/3 each

T 582. Half Round Stand Post to fix against [illegible] with 2½ in. gun metal hose screw, iron cap and chain, no bend or valve, 38/6 each.

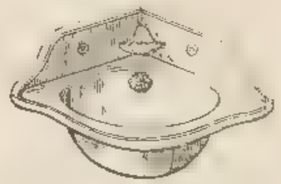
Patent Globular Iron Stop Valve to suit ditto, with 2 in. socket ends, and self emptying frost valve, 36/- each.

Extra for ¾ bib cock to T 582 post to form bucket cock, 8/6 each.

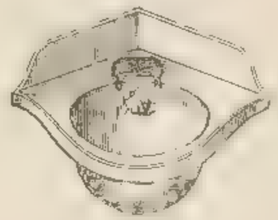
Further details and designs will be sent on receipt of requirements

LAVATORY BASINS, SLOP HOPPERS, &c.

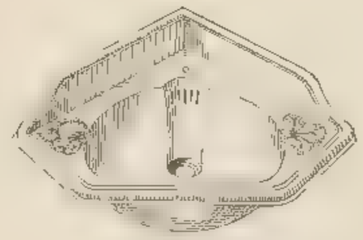
C 3520.—Earthenware Lavatory Basin
Size of top 13 in × 12 in., basin inside 11 in
White ... 6 9 each



C 585.—Earthenware Angle Lavatory Basin
Size—20 in wide × 14½ in length of side, basin inside 14 in
White 11/6 each

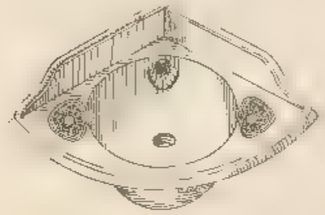


C 586 Earthenware Angle Lavatory Basin
Size [illegible]½ in. wide × 14½ in length of side, basin inside 16 × 13 in
White ... 18/9 each



C 587 Earthenware Angle Lavatory Basin with oval basin
Size—27 in wide × 20 in. length of side, basin inside 16 × 12½ in.
White ... .. 23 6 each

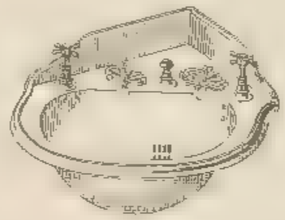
C 588 Earthenware Lavatory Basin
Size of top 18 in × 18 in., basin inside 13 in
White 18 9 each



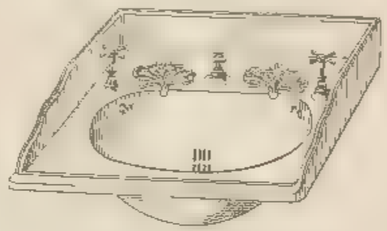
C 3521 Earthenware Angle Lavatory Basin with oval basin
Size 24 in wide × 17 in length of side basin inside 13½ × 11½ in
White 17 6 each

C 3522 - Earthenware Lavatory Basin, with oval basin 14 in × 11½ in wide
Size of top 18 × 18 in
White 17 6 each

C 589 — Earthenware Lavatory Basin, with oval basin 21 in. × 14½ in inside
Size of top 27 × 19 in
White . . 30/ each



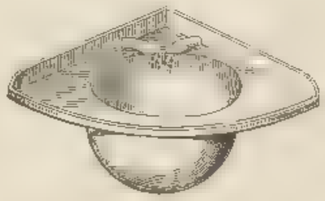
C 3523 New Pattern Earthenware Angle Lavatory Basin, complete with ½ in hot and cold taps, and lift-up waste, with oval basin
Size - 23 in wide × 16 in length of side, basin inside 16 × 11½ in
White .. .. 67,6 each
If fittings nickel-plated 3/6 extra



C 3524 -New Pattern Earthenware Lavatory Basin, complete with ½ in hot & cold taps and lift up waste, with oval basin
Size of top 27 in × 20 in., basin inside 19 × 13 in
White . . - each
If fittings nickel plated, 3/6 extra

Above can be supplied with Holes for Taps at same prices

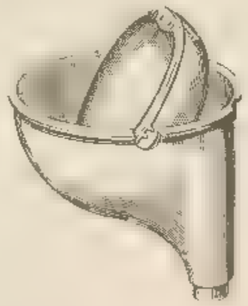
C 594. Lavatory Basin with plug hole and overflow
White earthenware
Called 13 14 15 16 17 in
Measures in clear
12 13 14 15 16 in
Prices 2/10 3/9 4/6 5/9 7/3 each
Ditto, enamelled iron
Sizes to fit holes
12½ 13 14 15 in dia.
Outside diameter of flange
13⅜ 14½ 15½ 16¾ in. ,,
Prices 6/- 7/3 8,6 9 9 each



C 595 Angle Enamelled Iron Lavatory Basin with plug hole and overflow

Size 25 in wide × 17 in length of side, basin inside 10¾ in
13/6 each

Size- 27 in wide × 19 in length of side, basin inside 12 in.
19/6 each



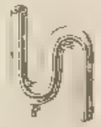
C 596 —Improved Tip-up Earthenware Lavatory Basin and Receiver
Size 14 16 in basin.
White 22/3 32,9 each
Marbled 23/- 34/9 ,,

C 597 —Housemaid's Slop Hopper and Trap

White glazed with loose grating 9/ each.

C 598 Housemaid's Slop Receiver and Trap
White glazed with loose grating, 10 6 each
Ditto, Cane, 8 6 each

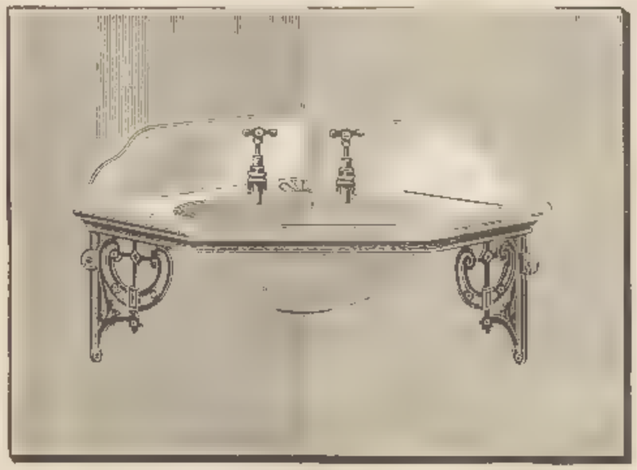
C 600. -Lead P Trap with cleaning screw
Size 1½ in 2 in
Prices 2/6 3/9 each



C 601 Lead S Trap with cleaning screw
Size 1½ in 2 in
Prices 2 9 4/- each

Further details will be sent on receipt of requirements.

LAVATORY BASINS AND FRAMES.

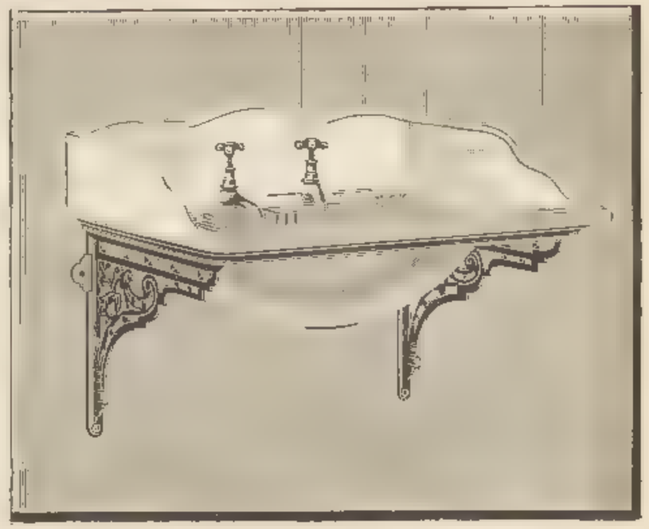


C 3530

C 3530 White China Lavatory Basin, and Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer

Outside dimensions of China, 27 in wide × 20 in length of side
Inside dimensions of Basin, 16 in × 12½ in

Price complete ... 40/-



C 3531

C 3531 —White China Lavatory Basin, and Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer

Outside dimensions of China ... 27 in × 19 in
Inside dimensions of Basin ... 20 in. × 14 in

Price complete ... 49/-

C 3532

C 3532.—White China Lavatory Basin, with Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer

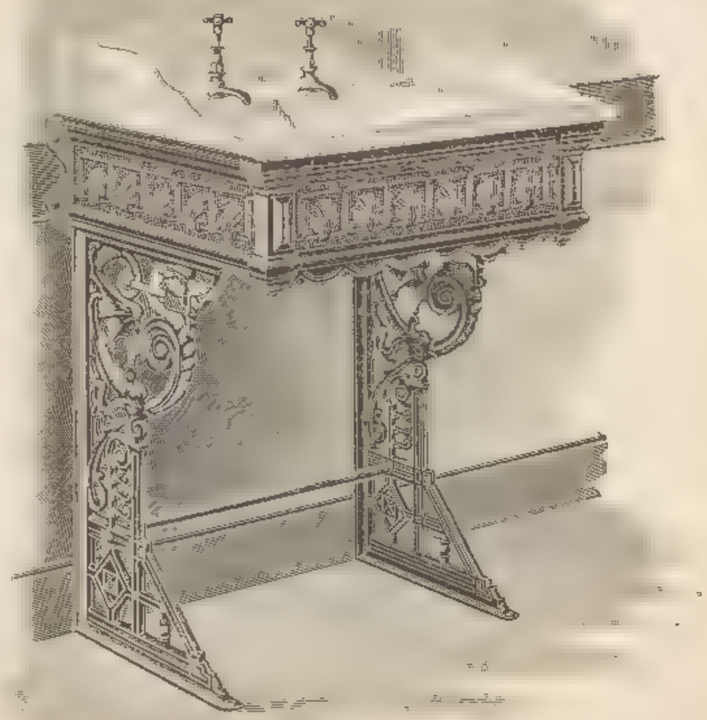
Outside dimensions of China ... 27 in × 19 in
Inside dimensions of Basin .. 20 in × 14 in

Price complete ... 58/6

C 3533 —White China Lavatory Basin, with Painted Iron Stand, complete with ½ inch Hot and Cold Taps, and Plug and Washer

Outside dimensions of China ... 27 in × 19 in
Inside dimensions of Basin . 20 in × 14 in

Price complete ... 65/-



C 3533

Further details will be sent on receipt of requirements.

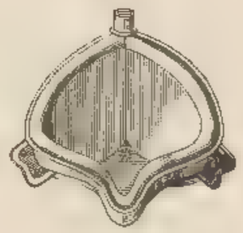
URINALS AND WATER CLOSETS.

C 610

Earthenware Angle Urinal, with flushing rim all round

Size –20½ in. high, 13 in wide, 12 in back to front

White . ... 15/- each



C 611.

Earthenware Angle Lipped Urinal with flushing rim all round

Size– 16 in. high, 18 in. wide, 19 in back to front

White ... ... 22/6 each

C 623

Trent Sanitary Closet, with S or P Trap, cane, white inside .. 18/9 each

,,	,,	ivory or white	...	23/9 ,,
,,	,,	printed ...	..	30/-
,, Paper Boxes	cane and white ..	..		3/6 ,,
,, ,,	ivory or white ..	..	...	5/- ,,
,, ,,	printed .	... ...	..	6/- ,,

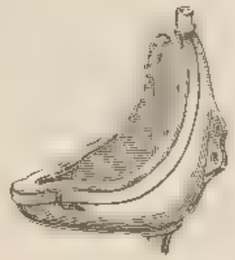
For Flushing Cisterns, see page 199.
For Closet Seats and Brackets, see page 198

C 612

Earthenware Flat Urinal, with shell supply and flushing rim

Size—16 in wide × 13 in high

White 14/3 each

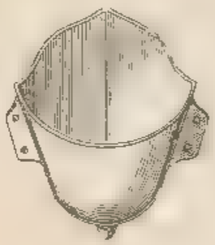


C 613

Earthenware Flat Lipped Urinal, with shell supply and flushing rim

Size—21 in high, 18 in wide, 14½ in back to front

White .. ... 22 6 each

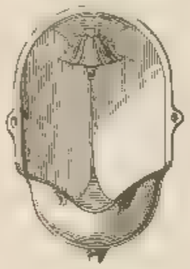


C 616.

Enamelled Iron Angle Urinal

Size—13½ in. wide, 15 in. back to front

11/- each



C 617

Enamelled Iron Angle Urinal lipped front and spreader

Size—12 in. wide, 11½ in back to front

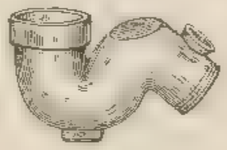
17/6 each

C 618

Enamelled Iron Flat Urinal, with Enamelled Grating

Size—14½ in wide, 11 in back to front

9/6 each



C 620

Earthenware P Trap, for Wash out Closet, with Vent Pipe

2/- each

S Traps the same price.

C 621.

White Cottage Basin, with S or P Trap	6/6 each
Cane and white ditto ..	4/3 ,,

C 622

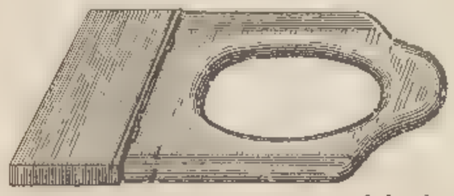
New Pattern Patent Wash-out Closets, S or P Trap, cane, white inside	9,6 each
,, ,, ,, all white	12/- ,,
,, ,, ,, flown colours	13/6 ,,

Further details and designs will be sent on receipt of requirements.

WATER CLOSETS AND FITTINGS.

C 3538 .. ... 5 9 per pair

CLOSET SEATS.



	1	1¼ in thick
C 623 —Plain Pine ..	5 9	6/9 each
Polished Mahogany or Walnut	11 6	13/3

C 3550 – Polished Brass Pipe Clips with india rubber buffer

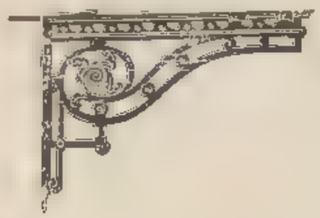
	1¼	1½ in pipe
	6 3	7/3 per doz
	[illegible]	8½d each

C [illegible]

Do , without buffer	4 6	5/6 per doz
Do , do	5½d	6½d each

CLOSET SEAT BRACKETS.

PAINTED ONE COAT AND FITTED WITH RUBBER STOPS

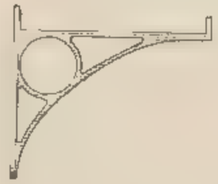


C 3539 ... 3 6 per pair

C 638 . 4/9 per pair

C 639 7/10 per pair

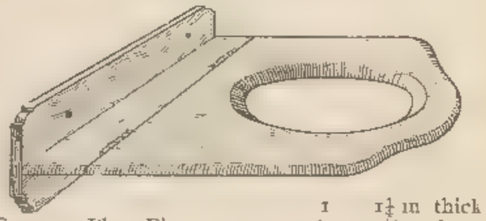
BRACKETS FOR FLUSHING CISTERNS.



C 3540 Projection 12 in , 1/8 per pair.

C 3541 Projection 7 8, or 9¼ in 1/3 per pair

CLOSET SEATS.



	1	1¼ in thick
C 3542 Plain Pine .	6,9	7/6 each
Polished Mahogany or Walnut	12,3	14/ ,

C 643 —Closet Valve, with Leather Seat
Size 1½ inch 2/9 each

C 644 —Cistern Valve, with Air Pipe and Union, for slate or iron cisterns.

Size	1	1¼	1½ inch
Price	5/-	6/9	8/6 each

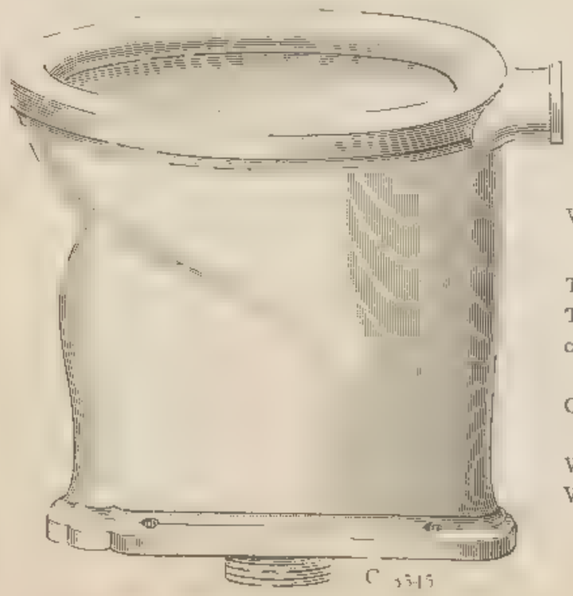
C 646 C 647 C 648

CISTERN PULLS.

C 646 Brass Chain, with China Handle with india-rubber ring either cream black or brown
11/- per dozen. 1/- each

C 647 —All Brass, on Plate .. 3/9 each

C 648 On Wood Plate, with China Handle with india-rubber ring cream, black, or Brown
4 6 each



C 3545

VALIDUS WASHDOWN CLOSET.

With Centre Outlet (S Trap) P or Q Trap

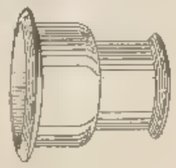
The Centre Outlet, S Trap, will be found very convenient for replacing old style Closets

Cane Colour, White inside ...	14/6
White	17/-
White Printed ...	21/-

INDIA-RUBBER CONES for connecting W.C.'s.

C 642.

Size	1	1¼	1½ inch
Price	6 6	6 6	6,6 per lb
	6½d	7½d	8½d each



C 3543

Size	1¼	1½ inch
Price	1/4	1 6 each

INDIA-RUBBER BUFFERS for Closet Seats.

C 3546

Size	1 inch × ½ inch
Price	8 6 gross.
	10½d per dozen

SUBITUS WASHDOWN CLOSET.

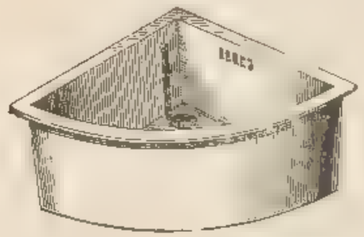
With S or P Trap

Cane Colour White inside	18/3
Plain, Ivory or White ..	22 6
Printed, Rush or Poppy	27/6

C 3544

Further details and designs will be sent on receipt of requirements.

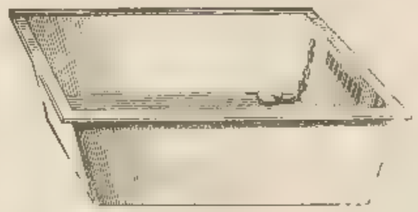
KITCHEN SINKS AND FLUSHING CISTERNS.



C 602

Corner Kitchen Sink, with plug and overflow.

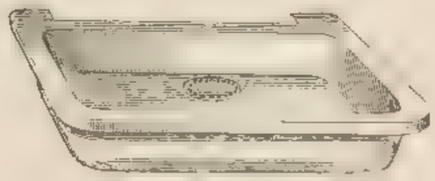
Painted [illegible] each
[illegible]
[illegible]



C 603

Kitchen Sink with plug and overflow

Sizes ...	... 15	18	21	24	27	30	33	36 in
Painted ..	.. 4/9	5/-	5/4	6/	6/10	7/6	9/9	11/6 ea
Galvanized	.	-	—	13/3	—	15/6	—	22/6 ,,
Enamelled, with brass plug and chain	18/-	21/-	24/-	30	36/-	42/-		48/ ,,

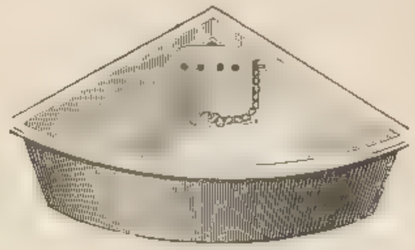


C 604

Improved Sanitary Pattern Kitchen Sink with trap.

	Sizes 24 × 18 × 4	30 × 18 × 4	36 × 18 × 4 in
Painted	5/4	7/	8/ each
Galvanized ..	9/-	12/-	14/ ,,
Enamelled with brass waste with union	22/9	28/9	35/- ,,

Other sizes will be quoted for on application



C 605

Enamelled Corner Sink with brass plug, grating and chain

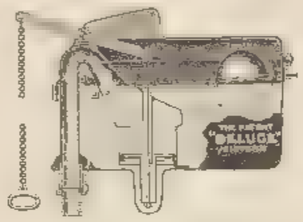
Size 28½ in. across front, 20 in. length of side 6 in deep
30/- each

C 630

Improved Syphon Flushing Cistern, 2 gallons flush, with 1¼ in union outlet and iron chain pull
10/6 each

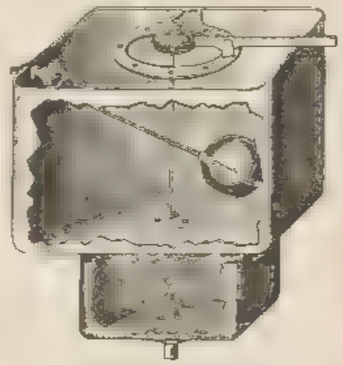
C 631

The 'Newport' Syphon Flushing Cistern, 2 gallons flush with 1¼ in union outlet, and iron chain pull,
15/9 each



C 632

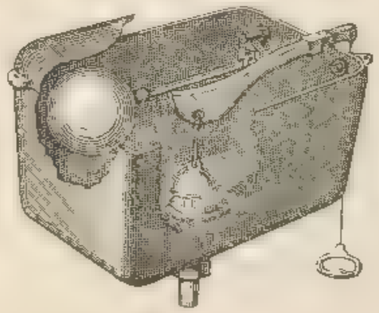
The 'Deluge' Patent Syphon Flushing Cistern, 2 gallons flush, with 1¼ in union outlet, and iron chain pull,
18/9 each



C 633

New pattern 'Bristol' with 1¼ in brass union outlet, for six flushes of 2 gallons each, 19/6 each

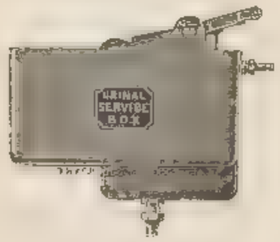
All Flushing Cisterns are fitted with overflow connection



C 634

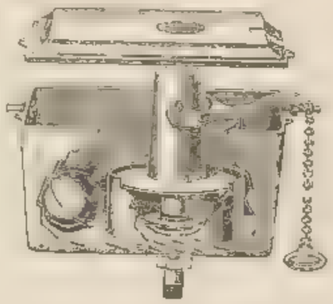
Single Valve Cistern 2 gallons flush, with 1¼ in union outlet, and iron chain pull, with cover,
11/6 each

Ditto ditto ditto without cover,
10/9 each



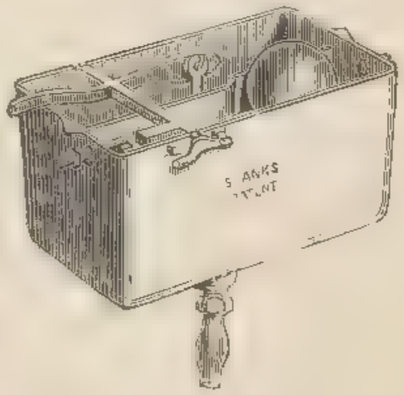
C 635

Double Valve Flushing Cistern, for urinals, ¾ in union outlet, with pull handle and chain complete, flush about ½ gallon, 22/6 each.



C 3553

The 'Unique,' 2 gallons flush with 1¼ in union,
15/- each

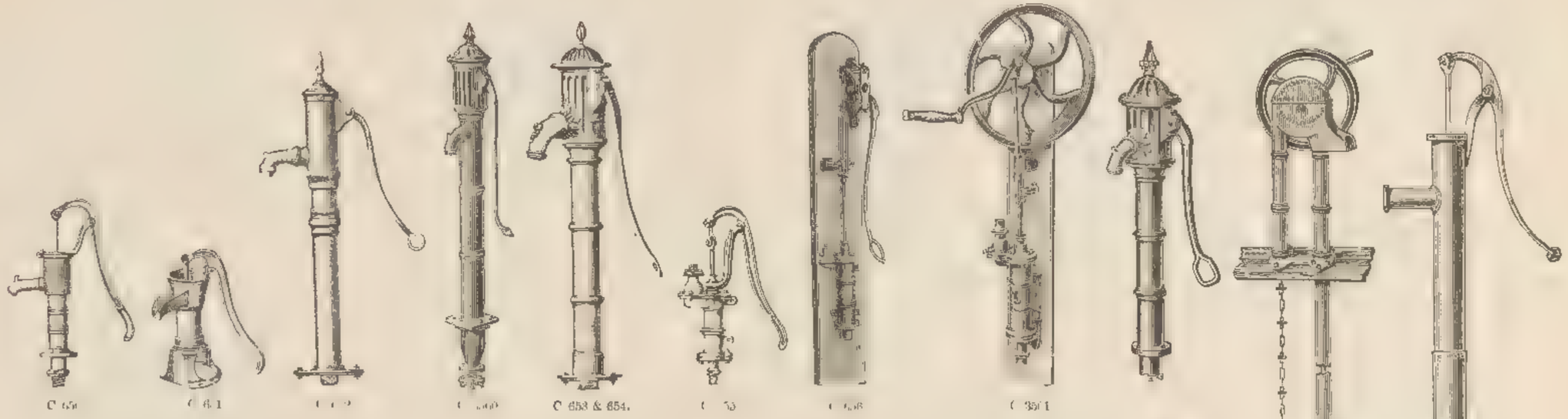


C 3554

Double Valve Cistern 2 gallons flush, with 1¼ in union outlet, and iron chain pull . .. 15/9 each

Further details and designs will be sent on receipt of requirements.

PUMPS.



C 650 C 651 C 653 & 654. C 3561

C 650.—Improved Cistern Pump, with Brass Union for lead or screwed for iron pipe. Handle and spout are reversible

Sizes		2½	3 inch.
Bore of Suction Pipe		1¼	1½ ,,
Price		10/6	13/- each.

With side ears to screw on plank or bracketed tail at same price.

C 651 Pitcher Pump, with Reversible Handle, fitted with Brass Unions for iron or lead pipe.

Sizes	2¼	3	3½	4 inch
Size of Suction Pipe	1	1¼	1½	1½ ,,
Price	10/9	12/-	13/3	14/6 ,,

C 652. Yard or Garden Pump, with Boxes—

Sizes	3	3½	3½	4	4½	5 inch.
For lead or cast iron pipe	29/6	33/-	36/6	43/-	50/-	58/- each
For wrought iron pipe	32/-	35/6	39/-	46/6		
Wrought galvanized pipe for do.	9d.	9d.	11d.	1/3		per ft.
Size of pipe	1¼	1½	1½	2 inch.		
Pump without boxes, for lead pipe	24/-	26/6	29/6	35/-	42/-	49/- each

Bends, drilling blast holes, and cutting to length charged extra.

C 3560. Cottage Pump with wrought iron fittings, brass or copper lining, flange for lead or wrought iron pipe, elastic joints, bolts and nuts complete, 3 ft. under spout.

Size	3 inch
Bore of suction pipe	1½ or 2 inches.
Price	38/- each.

C 653.—Improved Yard Pump, with Conical Valves, for cast or wrought iron pipe. 3 feet under spout.

Sizes	2½	3	3½	4	4½	5 inch.
Bore of Suction Pipe	1½	2	2	2	2½	3 ,,
Price	49/6	55/6	62/6	69/-	82/6	104/- each

For lead pipe, 2/9 extra.

C 654.—Ditto, cheaper make, with ordinary valves—

Sizes	2½	3	3½	4 inch.
Price	39/6	43/6	48/6	56/6 each.

C 655. Improved Lift and Force Pump, with Brackets or Flanged Base, for iron or lead pipe, reversible handle.

Sizes	2	2¼	2½	2¾	3	3½	inch.
Bore of Suction and Delivery Pipe	1	1	1¼	1¼	1½	1½ or 2	,,
Price	32/-	35/-	38/-	40/-	44/-	56/-	each
Extra for copper cylinder ...	3/-	3/3	4/3	4/9	6/-	7/2	,,

C 656. Lift and Force Pump, on Oak Plank—

Sizes		2½	3	3½	4 inch.
Bore of Suction and Delivery Pipe	...	1¼	1½	2	2 ,,
Brass Barrel, connections for lead or iron pipe		81/-	93/6	111/-	128/6 each.
Iron Barrel, with copper or brass linings and brass unions for lead or iron pipe		56/6	63/-	77/-	84/- ,,

C 3561.—Wheel Motion Lift and Force Pump, on Oak Plank

Sizes	...	2½	3	3½	4 inch.
Bore of Suction and Delivery Pipe		1¼	1½	2	2 ,,
Brass Barrel, connections for lead or iron pipe	...	93/-	108/-	127/6	148/6 each.
Iron Barrel, with brass lining and unions	..	72/-	90/-	112/6	130/- ,,

C 657. Strong Deep-Well Lift Pump, suitable for wells from 27 ft. to 100 ft. in depth, with india rubber joints, bolts, and nuts complete, ready for fixing. Doors for access to bucket and valve are recommended.

Bore of pump top and main pipes		3½	4	4½ inch.
Bore of working barrel	..	3	3½	4 ,,
Complete for wells 30 ft. deep		128/6	149/-	168/- ,,
Extra per foot exceeding 30 ft. deep		3/3	3/9	4/- ,,
Extra for doors for access to bucket, &c.		12/6	14/6	17/6 ,,

C 658.—Lift and Force Pump, with wrought iron working arrangement mounted on oak plank, and painted iron suction and delivery pipes, bend at surface, rods, roller guide box, &c., complete for 30 ft. well.

Sizes	2½	3	3½	4 inch
Bore of Suction and Delivery Pipe—	1¼	1½	2	2 inch.
Price—Iron, with copper or brass lining—	£6 13 0	£7 14 0	£9 16 0	£11 4 0 each
If Brass Force Pump, with do., do., do.—	£7 14 0	£9 2 0	£11 4 0	£13 6 0 ,,
Extra per foot above 30 ft. deep—	1/9	2/2	2/10	2/10 ,,
Iron Air Vessel	11/3	12/9	14/-	15/6 extra
Copper do.	21/-	23/3	27/6	30/- ,,

We recommend Air Vessels for Deep Wells.

C 659.—Improved Chain Pump, covered Pattern, 12 ft. under spout—

Sizes	2	2½	3	3½ inch.
Price	£4 12 6	£5 4 0	£5 15 6	£6 18 6 each.

Extra if lengthened between spout and ground line—

For the first foot	5/-	5/6	6/-	6/6 per ft.
Extra length over one foot . ..	5/3	5/9	6/6	8/- ,,
,, if lengthened below ground line	4/-	4/6	4/9	5/9 ,,

A cheaper pattern also supplied.

C 660.—Galvanized Wrought Iron Liquid Manure or Contractor's Pump, 8 ft. under spout.

Sizes	4½	inch
Price	42/6	50/- each.

Additional Pipe or 4½ in., 1/- for 6 in., 1/2 per foot.

C 661. Iron Retaining Valve, screwed both ends, for iron pipe—

Sizes	1¼	1½	2	2½	3 inch.
Price	4/6	5/9	7/3	9/-	12/- each

C 662 Iron Strainer, screwed, for iron pipe—

Sizes	1¼	1½	2	2½	3 inch.
Price	3/-	3/9	4/9	6/-	7/6 each.

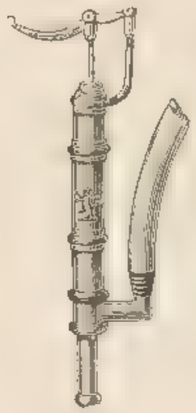
C 3562.—Galvanized Strainer, for wrought iron tube—

Sizes	1¼	1½	2 inch
Price	2/3	3/-	4/3 each

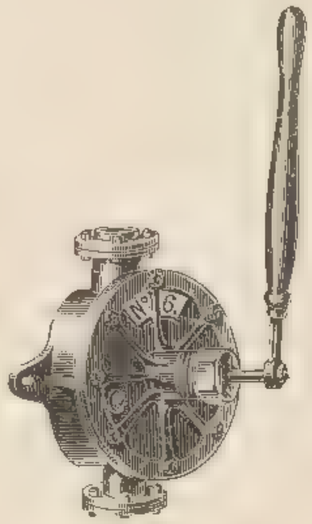
Further details and designs will be sent on receipt of requirements.

PUMPS.

C 3563

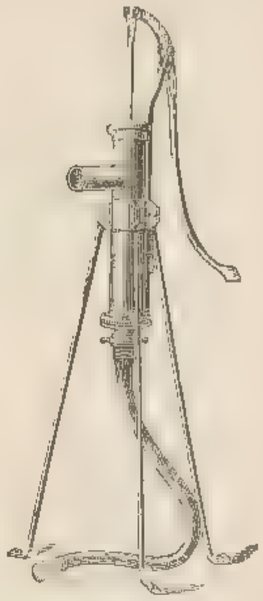


C 3564



C 3565

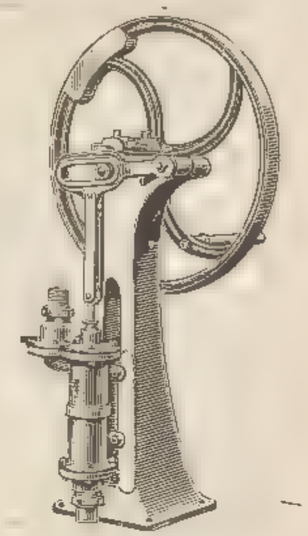
C 3566



C 3567

C 3568

C 3569



C 3570

C 3563.—Brass Plumbers' Force Pump, with brass iron plunger—

Sizes	1½	2¼ inch.
Price	16/6	30/- each

C 3564.—Ditto, ditto, with ordinary lever handle—

Size	2¼ inch.
Price	41/- each.

C 3565.—New pattern Semi-Rotary Double Action Lift and Force Pump, iron with gun metal valves—

Size of Suction and Delivery	½	¾	1	1¼	1½	2	2½	3	inch.
Price ...	28/-	32/-	41/-	51/-	70/-	112/-	205/-	315/-	each.
Ditto, ditto, Gun Metal Pump, with gun metal valves	39/-	50/-	70/-	84/-	120/-	285/-	400/-	600/-	...

C 3566. "York" Cottage Pump, strongly made, and fitted with copper lining and brass union, screwed for wrought iron tube or for lead pipe, bolted on strong oak plank

Sizes...	2½	3	3½	4	inch.
Bore of Suction Pipe	1¼	1½	2	2	,,
Price ...	27/-	30/6	36/-	42/6	each.
Extra for Brass Bucket and Valve	4/6	5/6	6/6	8/9	,,

C 3567.—Galvanized Sheet Steel or Wrought Iron Portable Pump, on legs, 5 ft. 6 in. long, with brass union for 2 inch hose—

Size	4½ inch.
Bore of Suction Hose ...	2 ,,
Price	58/6 each.

C 3568. Ditto, ditto, 7 ft. 6 in. under spout—

Sizes	3	4	5	6	7	8	9	inch.
Bore of Suction Pipe...	1½	2	2½	3	3½	4	5	,,
Price ...	53/-	56/6	61/6	71/-	105/-	128/-	148/6	each.

C 3569.—Sliding Suction Pipe, 8 ft. long, for ditto, for use when liquid has to be raised from variable depth—

Size of Bore ...	1½	2	2½	3	3½	4	5	inch.
Price ...	17/6	18/8	21/-	23/6	26/6	30/-	35/-	each.

C 3570.—Strong Wheel Motion Lift and Force Iron Pump, with compensating lever fitted with brass unions, mounted on strong cast iron standard frame, suction and delivery chambers fitted for wrought iron tube or lead pipe, rim of fly-wheel made to take belt for power—

Sizes ...	2½	3	3½	4	5	inch.
Bore of Suction and Delivery Pipe	1¼	1½	2	2	2½	,,
Price	£9 6 0	£9 18 0	£10 10 0	£11 5 6	£18 18 0	each.
Do do., Brass pump, with brass unions	£10 16 0	£11 8 0	£13 4 0	£14 2 0	£22 16 0	each.

C 3571. Single Barrel Deep Well Force Pump, square tail, iron barrel, with copper or brass lining, and bucket rod—

Sizes	2	2½	3	3½	4	inch.
Bore of Pipe	1	1¼	1½	2	2½	,,
Price	29/6	33/-	42/-	52/-	63/-	each
Ditto, ditto, all brass	45/-	56/-	66/6	80/-	94/-	,,

C 3572.—Strong Barrel Deep Well Force Pump, with doors for access to valves, iron barrel, fitted with copper or brass lining, gun metal bucket rod, and brass valve seats—

Sizes ...	2½	3	3½	4	4½	5	6 inch.
Bore of Pipe	1¼	1½	2	2	2½	2½	3 ,,
Price	£3 17s.	£4 15s. 6d.	£5 15s.	£7 14s.	£9 16s.	£12 12s.	£18 4s. ea.

Ditto, ditto, Gun metal pump with brass bucket and valves—

Sizes ...	2½	3	3½	4	4½	5	6 in
Bore of Pipe	1¼	1½	2	2	2½	2½	3 ,,
Price ...	£4 15s 6d.	£6 0s. 6d.	£7.	£8 19s 6d.	£11 4s.	£15 8s.	£22 8s.

C 3573.—Strong Well Engine Frame, with single barrel iron force pump, for hand power—

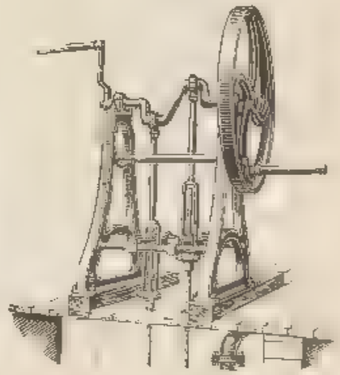
Sizes	2½	3	3½	4	inch
Bore of Suction and Delivery Pipes	1¼	1½	2	2	
Price	£12 19 0	£13 13 0	£14 7 0	£15 8 0	each
Ditto, ditto, with Brass Pump	£14 0 0	£15 1 0	£15 15 0	£17 10 0	each

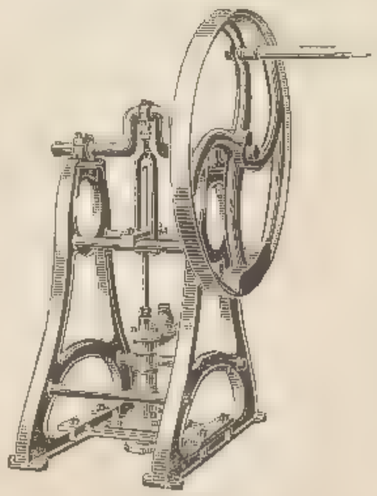
C 3574.—Strong Engine Frame, and superior double barrel deep Well Pumps, with doors for access, also rods, roller guide box, suction and delivery pipes, and strainer; complete for Well 30 ft. deep, with iron pumps—

Sizes	2½	3	3½	4	inch.
Bore of Suction and Delivery Pipes	1½	2	2	2½	,,
Price ...	£30 16s.	£32 4s.	£34 6s.	£38 10s.	each
Ditto, ditto, with Brass Pumps	£32 4s.	£34 6s.	£37 2s.	£42 0s.	,,
Extra for Well over 30 ft. deep	3/6	4/-	4/3	4/6	per foot.
,, ,, Iron Air Chamber	25/3	25/3	31/6	31/6	each.

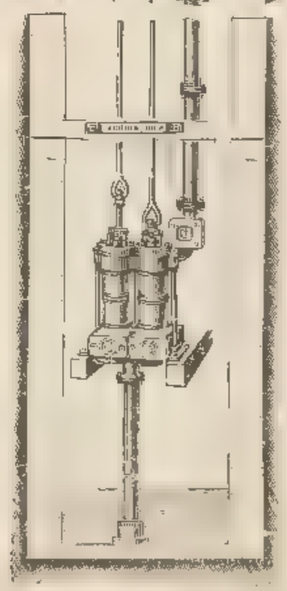
C 3571

C 3572





C 3573



C 3574

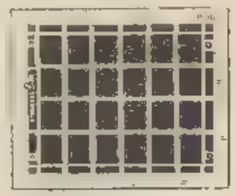
Further details will be sent on receipt of requirements.

VENTILATORS.

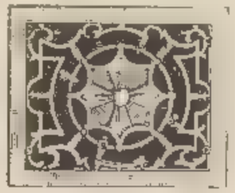
NEW PATTERN VENETIAN VENTILATORS.

Forming inlet or outlet by reversing. Open and close by means of a cord or rod, and require no cleat hooks.

As outlet vent.



C 668



C 667

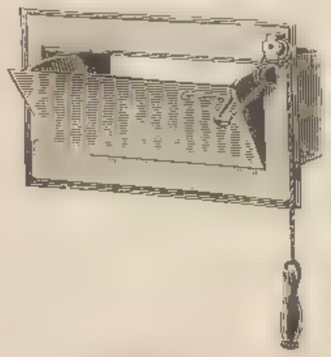
As inlet vent.

Either pattern same price.

Size of box	8×6	10×8	12×10	14×12	16×10	18×12 in.
Size of front	10×8	12×10	14×12	16×14	18×12	20×14 in.
Japanned Black	5/-	6/6	9/6	14/6	12/6	18/- each
Japanned Gold Bronze	8/-	11/6	15/3	21/9	19/-	26/- ,,

Pulleys for cords extra if required.

SHERINGHAM'S VENTILATORS.

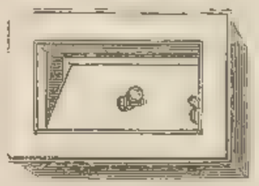


For the introduction of fresh air through an external wall without a draught. Made with pulleys on either right or left, but kept in stock on right. Recommended to be used in connection with Mica Flap Outlet Ventilator, and to be fixed about four feet from the ceiling.

C 670.

Size of Box	9×3	13½×6	9×6	15×10	9×9 in.
Size of Front	11 [illegible]	[illegible]	11 8½	19×14	10¾×10¾ in
Plain Iron	4/-	7/-	5/6	21/-	7/- each
Painted Bronze do	4/6	7/6	6/-	23/6	7/6 ,,
Galvanized	[illegible]	[illegible]	[illegible]	[illegible]	,,
With Brass Fronts and Doors	18/-	50/-	30/-	—	50/- ,,
With Brass Fronts and Trellised Doors	[illegible]	[illegible]	[illegible]	1/-	—
Ditto, Japanned Bronze do.	8d.	1/-	10d.	2/-	1/- ,,

ARNOTT'S VENTILATORS.



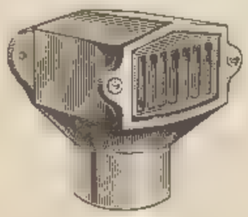
For the discharge of heated and impure air into Flues or Air Shafts.

C 671.

Size of Box	9×6	13¾×8	8¾×8½ in.
Size of Fronts	11×8	16×9½	9×3½ in
Plain Iron	6/	9/6	4/9 each.
Galvanized do	8/3	13/	,,
Japanned Bronze do	7/9	11/9	,,
Brass Trellis for fronts of above, extra	4/3	6/6	— ,,

As an Outlet Ventilator to be fixed in Smoke Flues, we recommend Mica Flap Ventilators in preference.

MICA VALVE INLET VENTILATORS.



C 673. For Vertical Pipe.

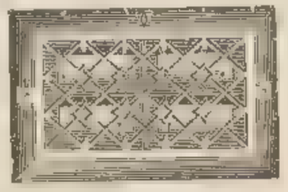
For Soil Pipes and Drains. Galvanized Iron with Brass Fronts Spigot End to fit cast iron pipe.

C 673.	As illustrated, for Vertical Pipe—	
	For 3 inch Pipe	4/- each
	For 4 inch Pipe	[illegible]
	For 6 inch Pipe	[illegible]
C 672.	For Horizontal Pipe—	
	For 3 inch Pipe	3/- ,,
	For 4 inch Pipe	3/- ,,

MICA VALVE VENTILATORS.

THOMAS BOYLE'S PATENT.

C 674. Iron Front Plate.



C 675. Brass Front Plate.

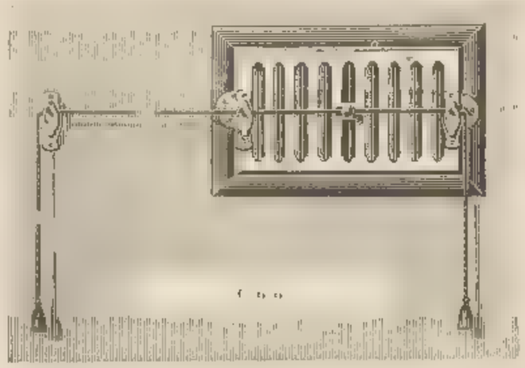
A self-acting Outlet Ventilator, for ventilating through chimney breasts into smoke flues or properly constructed air shafts. It discharges the heated vitiated air, and effectually prevents back draughts. The front removes for cleaning, which should be done each time the chimney is swept.

Size of Box	9×3	6½×5½	9×5	9×7½	9×9	14×9	12×18	18×22 in.	
Size of Front	11×5	8×8	11×7	11×9	11×11	16×11	14×20	18×24 in	
C 674.—Plain Iron	2/6	3/9	3/9	5/8	6/10	9/8	25/-	37/6	each.
C 675.—Painted Bronze Lacquered Brass Front Plate	4/6	6/3	6/6	8/9	11/3	15/6	—	—	,,
Covered Trays to prevent noise each extra	2/-	2/6	2/6	3/3	4/-	6/-			,,

11 in. × 5 in. and 7 in. and 16 in. × 11 in. made vertical at same prices.

MICA VALVE VENTILATORS.

AS ABOVE FITTED WITH HIT AND MISS FRONTS.



Size of Box	9×3	6½×6	9×5	9×7½	9×9	14×9 in.
Size of Front	11×5	8×8	11×7	11×9	11×11	16×11 in.
With Lacquered Brass Hit and Miss Front, & Guide Pulleys for cords to open and close	14/-	17/6	18/6	23/-	29/-	42/6 each.
Ditto, with Iron Hit and Miss Front	4/6	6/3	6/6	8/9	11/3	15/6

Prices include pulleys on vents only, other pulleys 8d. each.

SILK FLAP NOISELESS VENTILATORS.

For the extraction of vitiated air through air shafts and the exclusion of down draught. (Not suitable for smoke flues.)

C 677.

Size of Box	9×3	6½×6	9×9	13½×9 in.	
Size of Front	11×5	11×8½	11×11½	15×11½ in.	
Plain Iron	3/6	6/-	7/6	9/	each.
Japanned Bronze do	[illegible]	[illegible]	[illegible]	11/	,,
With Brass Trellis Fronts	8/-	14/-	21/-	31/6	,,

IMPROVED FRESH-AIR ZINC INLET VENTILATORS.

With Closing Valves, Brass Handles, either on right or left hand.

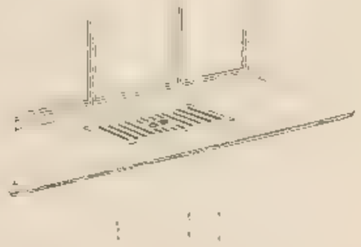
T 678.

T 679

Height.	Width.	Depth.	Price
12 in. ×	6 in. ×	3 in.	6/9 each
12 in ×	9 in. ×	3 in.	8/- ,,
18 in. ×	9 in. ×	3 in.	9/6 ,,
18 in. ×	12 in ×	4 in	10/6 ,,
36 in. ×	[illegible] in. ×	[illegible] in.	1[illegible] ,,
72 in. ×	12 in. ×	4½ in.	29/- ,,

Prices and Illustrations of Ornamental Patterns on receipt of requirements.

INLET VENTILATING ARRANGEMENT FOR WINDOW SILLS.



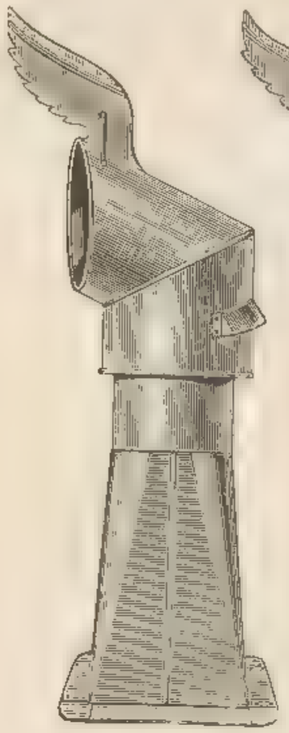
T 668.

For prices of Sliding Ventilators, see page 9.

For prices of Air Bricks, see page 205

Further details and designs on receipt of requirements.

VENTILATORS AND CHIMNEY COWLS.



C 680.

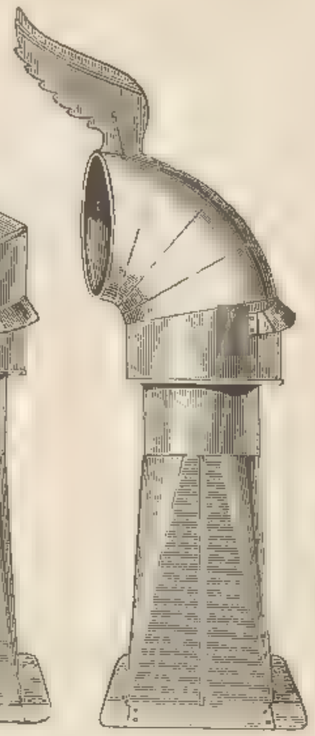
GALVANIZED REVOLVING CHIMNEY COWLS.

C 680

Square back, 16/6 each.

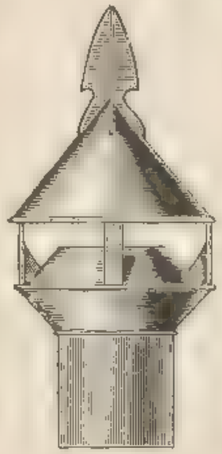
4 feet 6 inch high over all.

11 inch square in base



C 681

C 681
Lobster back, 18/6 each
4 feet 6 inch high over all,
10 inch diameter,
11 inch square in base.
Ditto, 9 inch diameter, 17/- each.
With plain round bottom to suit round tubes,
9 inch 12/6 each



682

STEVENS' EXHAUST VENTILATOR,

In Galvanized Iron

For the extraction of vitiated air.

Small sizes are extensively used for Soil Pipes.

Round Base

2 in.	shaft, 6 in.	on	1/
3	" 8	"	[illegible]
4	" 11	"	3/9
6	13	"	[illegible]
8	[illegible]	"	11/
10	" 2[illegible]		18/9

Square Base

6 in.	shaft, 13 in.	on	[illegible]
8	" 17		12/6
10	2[illegible]	"	1[illegible]/-
12	2[illegible]	"	[illegible]/-
15	2[illegible]	"	[illegible]/-
18	" [illegible]		2[illegible]/6
21	34	"	[illegible]5
24	38		8[illegible]/-

Price of copper on application.

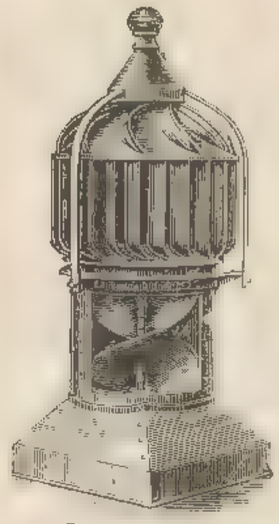
C 68

STEVENS' EXHAUST CHIMNEY TOP,

In Galvanized Iron.

Height.	Diam.	
Top part	4ft. 8in.	10in. 10/-
14×10 base	4ft. 0in.	10in. 11/3
" "	7ft. 6in.	14in. 13/9
14×14 "	10ft. 0in.	11in. 17/9

Stevens' Exhaust Ventilator and Chimney Top is so constructed that at whatever angle the wind strikes the cone it creates a partial *vacuum* in chamber and under hollow cap. There is no mechanical movement to get out of order or create noise. They can be constructed to suit any kind of architecture.



T 3580

ARCHIMEDEAN VENTILATOR.

With square bottom to fit outside square wooden base.

Diam.			Oil.
6 in.	28/-	"	1/-
8 in.	30/-	"	1/6
9 in.	32/-	"	1/6
10 in.	37/-	"	1/6
11 in.	43/-	"	1/6
12 in.	50/-	"	1/6
14 in.	60/-	"	1/6
16 in.	80/-	"	2/6
18 in.	95/-	"	2/6
21 in.	115/-	"	4/-
24 in.	140/-	"	4/-

With plain round bottom to fit on round tubes

Diam.			Oil.
4 in.	25/-		1/-
6 in.	25		1
8 in.	[illegible]/6		1
9 in.	[illegible]/-		1/6
10 in.	[illegible]5		1
11 in.	[illegible]		[illegible]
12 in.	4[illegible]/-		1
14 in.	55/-		1
16 in.	75/-		2/6
18 in.	88/-		2/6
21 in.	108/-		4/-
24 in.	130/-		4

T 3581

ARCHIMEDEAN CHIMNEY COWL.

FOR SMALL FIREPLACES

Diam.	Height to under Hood.	
10 in.	3 ft. 0 in.	40/-
10 in.	3 ft. 6 in.	45/-
10 in.	4 ft. 0 in.	50/-

FOR BEDROOM AND DINING ROOM FIREPLACES.

Made extra strong and durable.

11 in.	3 ft. 0 in.	50/-
11 in.	3 ft. 6 in.	[illegible]
11 in.	4 ft. 0 in.	57/-

FOR DINING-ROOM AND SMALL KITCHEN FIREPLACES.

12 in.	3 ft. 0 in.	55/-
12 in.	3 ft. 6 in.	60/-
12 in.	4 ft. 0 in.	65/-

FOR KITCHEN FIREPLACES.

14 in.	3 ft. 0 in.	60/-
14 in.	3 ft. 6 in.	[illegible]
14 in.	4 ft. 0 in.	70/-

Oil, 1/6 extra.

Also made with square or round bottoms, to fit metal pipes or terra cotta pots. Price of round bottom same as round bottom ventilator. If made fire-proof, 7/6 each extra.

T 686.

ROBERT BOYLE & SON'S latest improved PATENT (1882) AIR PUMP VENTILATOR.

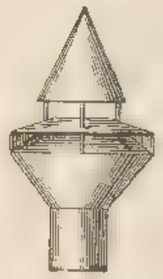
In Galvanized Iron, painted

12 in. dia., 4 to 8 in. pipe	diameter of pipe recommended	6 in.	£1 5 0
14 " 5 " 9 "	" " " "	7 "	1 10 0
0 " 6 " 10 "	" " " "	8 "	2 2 0
18 " 7 " 11 "	" " " "	9 "	2 15 0
20 " 8 " 12 "	" " " "	10 "	3 10 0
21 " 10 " 14 "	" " " "	12 "	4 10 0
27 " 11 " 16 "	" " " "	14 "	5 5 0
30 " 12 " 18 "	" " " "	15 "	6 10 0
36 " 15 " 21 "	" " " "	18 "	8 15 0
42 " 17 " 24 "	" " " "	21 "	11 15 0
48 " 20 " 28 "	" " " "	24 "	14 17 6
54 " 24 " 32 "	" " " "	28 "	18 18 0

The Ventilators can be made with square, round, or octagon bases, for fitting into turrets, &c., when required, without extra charge.

N.B. In ordering, please state diameter of pipe required.

N.B.—In fixing the Ventilator a wood base or frame is placed on the ridge, and covered with zinc or lead to make it watertight; the Ventilator is then slipped over the top and fastened with a few nails, as shown in elevation.



T 687

BOYLE'S PATENT SOIL PIPE COWL (cheap form).

Made of Strong Galvanized Iron, and painted with Enamel Paint.

2 inch pipe	5/6
3 "	7/6
4 "	10/6
5 "	12/6
6 "	15/6

In ordering it must be particularly stated that the *Cheap* Soil Pipe Cowl is required.

T 688.

BOYLE'S latest improved PATENT AIR PUMP SOIL PIPE VENTILATOR,

Pattern as T 686

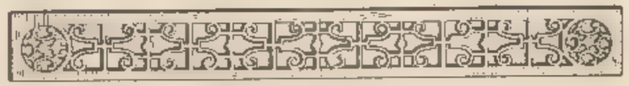
Made of Strong Galvanized Iron, and painted with Enamel Paint.

6 inch diameter,	2 to 3 inch pipe	[illegible]
16 "	4 to 5 "	1[illegible]
18 "	5 to 6 "	2[illegible]

Further details and designs will be sent on receipt of requirements.

C 3585

C 358[illegible]



C 358[illegible]

C 3588

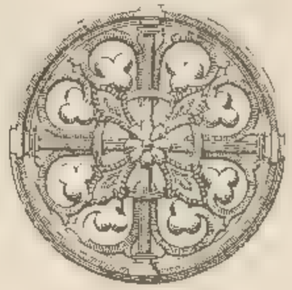
C 3589

C 3590

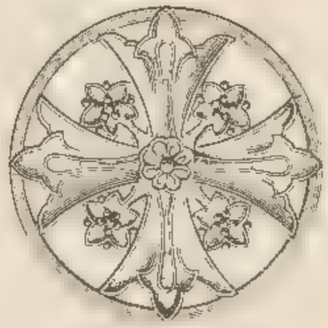
C 3[illegible]

C 7[illegible]

C 3[illegible]



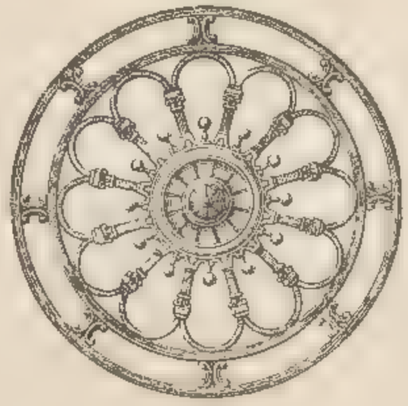
C 3[illegible]



C 3[illegible]

C 3[illegible]

C 3596.



C 730

C 3597

C 3[illegible]8

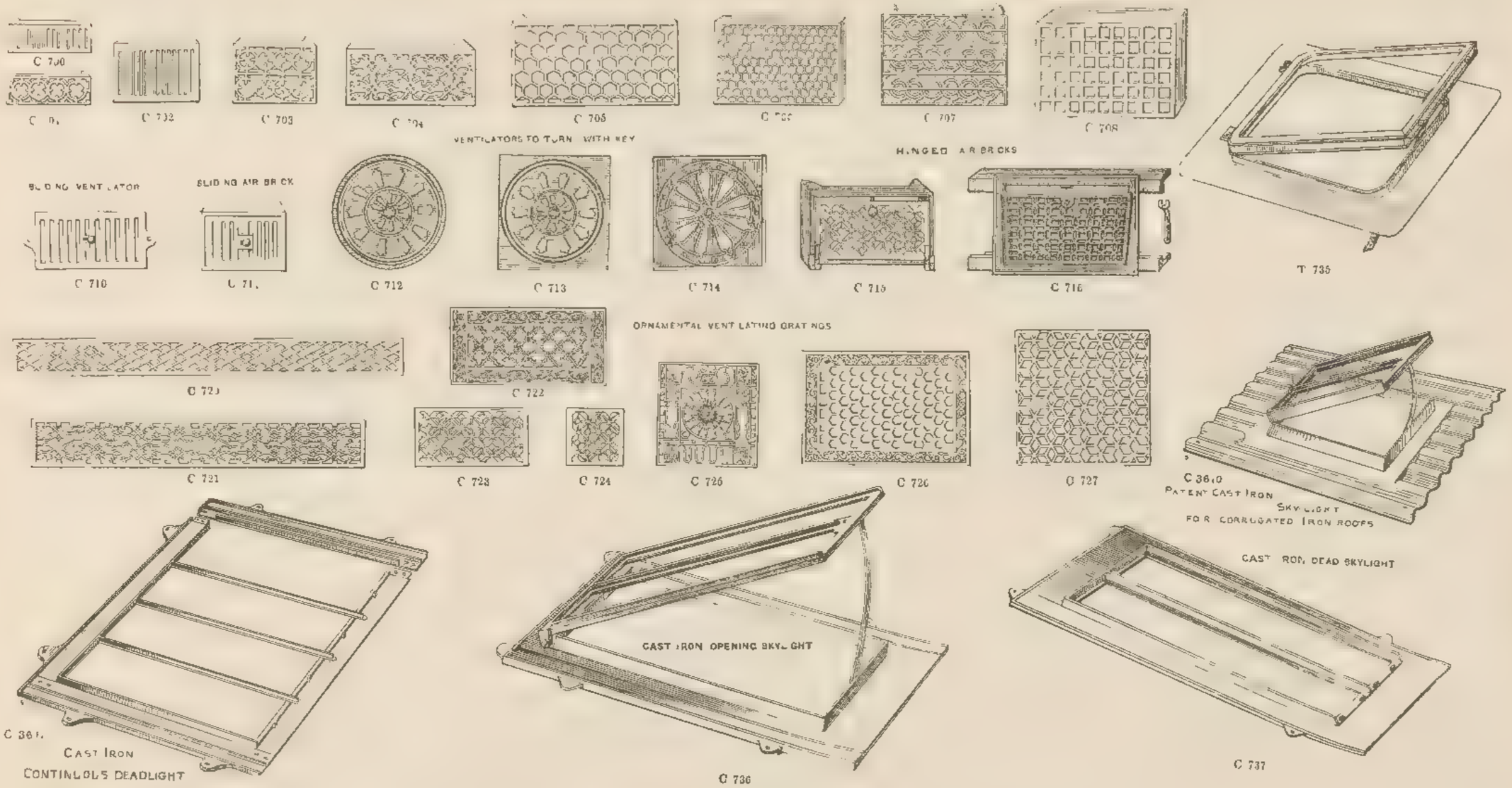
C 3585 —2 ft. 11½ in × 3 in.	.. ..	2/8	each.
C 3586. 3 ft 4 in × 4¾ in	... ...	4/6	,,
C 3587 —3 ft. 0½ in × 3¾ in.	... .	3/	,,
C 3588 —3 ft 6 in × 4½ in	.. ..	3/-	,,
C 3589 3 ft 0 in. × 4¾ in	.. ..	3 3	,
,, 4 ft 3 in × 4¾ in.	. ... ..	4/3	,,
, 4 ft 6 in × 4¾ ,,		1[illegible]	

C 3590.—3 ft. 10 in × 5¾ in.	. ...	3/	each
C 3591 —12 in. diameter ...	... ...	3/6	,,
C 729 —15 in ,, ..	... ...	7/6	,,
,, 17¾ in ,, ...	... .	9/6	,,
C 3592 —15 in ,, ...	.. ..	6,9	,,
C 3593 16½ in.	..	8 [illegible]	,,
C 3594 18¾ in		7 3	,

C 3595 —20 in. diameter ,,	0 [illegible]	each
C 3596 —22½ in. ,,	10 6	,
C 730. —24 in. ,, ...	1[illegible]	
C 3597 —Ceiling Centres, 18½ in ...	8 6	,
C 3598. - ,, ,, 30 in	1[illegible]	

Further details and designs will be sent on receipt of requirements

AIR BRICKS AND VENTILATORS.



C 700.	Plain Air Brick	9 × 3 in.	...	3/9	per dozen.
	Light ditto	9 × 3 in.	..	2/9	,,
	Galvanized ditto	9 × 3 in.	.	7 -	,,
C 701.—Ornamental Air Brick		9 × 3 in		3/9	,,
	Light ditto	9 × 3 in		2 9	,,
	Galvanized ditto	9 × 3 in		7	,,
C 702	Plain Air Brick	9 × 6 in		6 3	,,
	Galvanized ditto	9 × 6 in.		12 -	,,
C 703.	Ornamental Air Brick	9 × 6 in		6 3	,,
	Galvanized ditto	9 × 6 in		12 -	,,
C 704	Ornamental Air Brick	14 × 6 in.		10 -	,,
	Galvanized ditto	14 × 6 in		17	,,
C 705	Honeycomb Pattern Air Brick	17½ × 8⅝ in		18 9	,,
C 706	Strong Air Brick	13½ × 9 in		25	,,
C 707	Air Bricks, 9 × 9 in, 12 -, 14 × 9 in.			13 9	,,
	Galvanized do 9 × 9 in 21 -, 14 × 9 in			22 6	,,
C 708	Air Bricks, 9 × 3 in, 6, 9 × 6 in 8/9, 9 × 9 in, 10/6, 14 × 9 in, 17/6; 18 × 9 in.			22 6	,,
C 710	Sliding Ventilators	9 × 3 in	12 × 6 in.	18 × 6 in.	
		1 1	1	2/3	each
Several other sizes also made					
		9 × 3	9 × 6	14 × 3 in	
C 711.—Sliding Air Bricks		8	11 6	23/-	per dozen.
	Galvanized ditto	13 3	21 -	34/6	,,

C 712.	Round Ventilator, to turn with loose key	6	9	12	15	18 inch.
		1 4	2 -	3/-	4/-	5/9 each.
Several other sizes also made.						
C 713	Square Ventilators, to turn with loose key	6	9	12	18 inch.	
		1 4	2	3 -	6 9 each	
Several other sizes also made						

C 714.—Strong Ventilator, to turn with key, for floors . . . 12 in. square, 3/9 each

C 715 Hinged Air Brick, for air flues, with turnbuckle, 12½ × 6¾ in, 3,6 each

C 716.—Hinged Air Brick, for air flues, with key or turnbuckle,

10¼ × 7⅛	10⅝ × 9¼	14½ × 10¼ in.
3 6	3 9	5 each

C 720.—Door Step Grating 42 × 4 in., 1/8 each.

C 721 Door Step or Ventilating Grating, 36 × 5 × ½ in., 2/8 ,,

C 722.—Ornamental Ventilating Grating—

12 × 9	15¾ × 8	18 × 11¾	18 × 18	20 × 12	24 × 6 in.
2 6	2 9	3 3	4 -	3 4	3 4 each

See also C 102, page 108.

	7 × 5	9 × 6	12 × 6	12 × 9 in.
C 723 An Grating	6d	8d	10d	1/3 each.
C 724.—Air Grating			6 × 6 in, 6d	,,

C 725.—Air Grating or Panel, 10¾ in square × 7/16 in. thick in frame .. .. ,, 1/9 ,,

C 726. Ornamental Ventilating Grating	6 in × 9 in × ½ in.	1 -	each.
	8 in × 8 in × ½ in.	1/2	,,
	8 in × 12 in × ½ in.	1/6	,,
	10 in × 15 in × ½ in.	2 3	,,
	12 in × 18 in × ½ in	2 9	,,
	14 in × 14 in × ½ in	2/6	,,
	18 in. × 24 in. × ⅝ in	4/-	,,
	17½ in. × 30½ in. × ⅝ in	5/-	,,
C 727.—Ornamental Ventilating Grating	13¾ in. × 13¾ in. × ⅜ in.	1/6	,,
	13¾ in. × 27¾ in. × ⅜ in.	2/9	,,
	11¼ in. × 11¼ in. × ⅜ in.	1/6	,,
	11¼ in × 22⅝ in. × ⅜ in.	2/9	,,
	4¼ in. × 41¾ in. × ⅜ in.	2 -	,,

For other sizes, see C 101, page 108.

T 735.—Patent Zinc Opening Skylight—

Sizes of daylight ...	22 × 17	19 × 14	16 × 12½	13 × 11	11 × 9 in.
	11 2	9/4	7	5/10	4/7 ea.

EXTRA SIZES, OR NARROW GAUGE

Sizes of daylight	45 × 22	30 × 20	25 × 18	24 × 14	17½ × 10½ in.
	23 4	9 -	16 3	10 5	6 8 each

Other sizes made to order Use 26 oz. glass.

C 3610. Patent Corrugated Opening Skylight, in cast-iron

Sizes of daylight	14 × 20	16 × 24	16 × 30	42 × 96 in.	
	10/-	11/9	17/-	34/-	ea.
Dead Skylight, ditto	7/6	8/6	13/-	26.-	,,

C 3611.—Cast Iron Continuous Deadlight, 30, 36, 42, 48, 54 and 60 inches wide, by any length required. (Measured in daylight.) Distance from centre to centre of bars, 10½ inches. Can also be supplied with parts to lift for ventilation. Prices on receipt of details of requirements.

C 736.—Opening Skylight, in Cast Iron—

Sizes of Daylight,	8 × 12	10 × 15	12 × 16	13 × 18	14 × 20	16 × 24 in.
	3/9	4/-	4/9	5/2	5/8	6.- ea
,,	18 × 30	20 × 30	24 × 36	24 × 42	30 × 42	36 × 42 36 × 48 in.
	7 6	9 6	11 -	12 6	14/-	18 6 21 6 ea

With Quadrant and Pulleys, to open with cord, 3/6 to 4/6 extra.

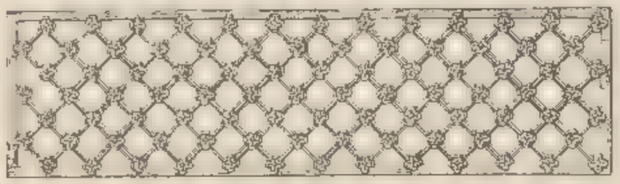
C 737 Dead Skylight, in Cast Iron—

Sizes of daylight,	8 × 12	10 × 15	12 × 16	13 × 18	14 × 20	16 × 24 in
	2 3	2/6	2/9	3/2	3/6	4/- ea
,,	18 × 30	20 × 30	24 × 36	24 × 42	30 × 42	36 × 42 36 × 48 in.
	5/-	6/-	7/6	8/6	10/-	12/6 16 - ea

CAST IRON PANELS.

C 740

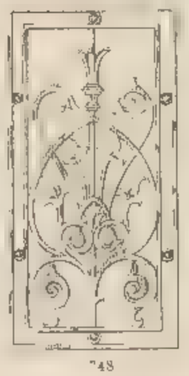
C 741



742

746

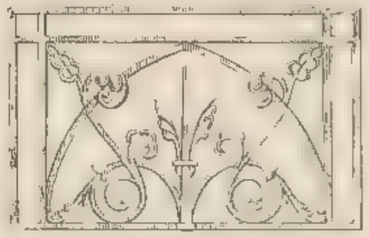
747



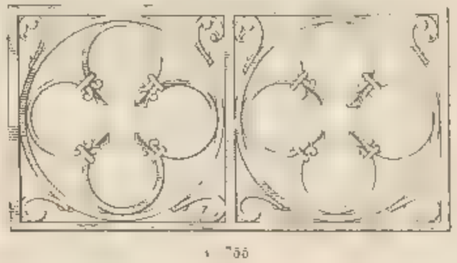
748

C 752

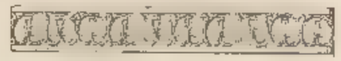
C 753



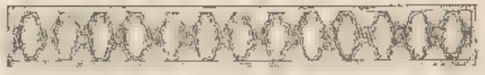
C 754



C 755



C 743



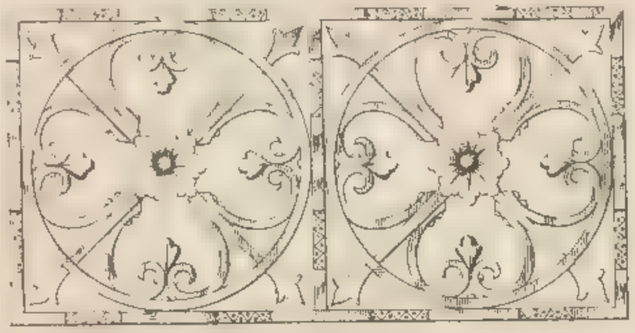
C 744

C 745

C 749

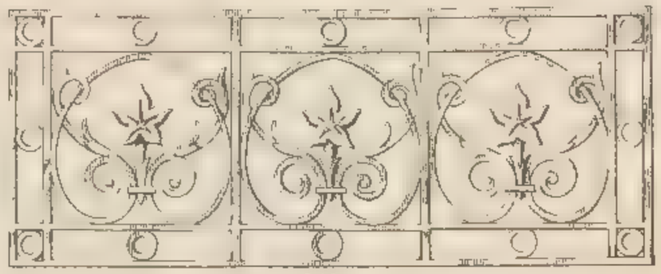
C 750

C 751



C 756

C 757



C 758

C 740	Size 2 ft. 10 in × 7½ in	...	2/6 each
C 741	3 ft 10½ in × 6 in	...	2/3 ,,
C 742	4 ft × 12⅜ in	...	11/3 ,,
,,	,, 4 ft 2 in × 14¼ in	...	12/3 ,,
	4 ft 0¼ in × 27¼ in.	..	21/- ,,
	4 ft 3 in × 3 ft 11¾ in		31/6 ,,

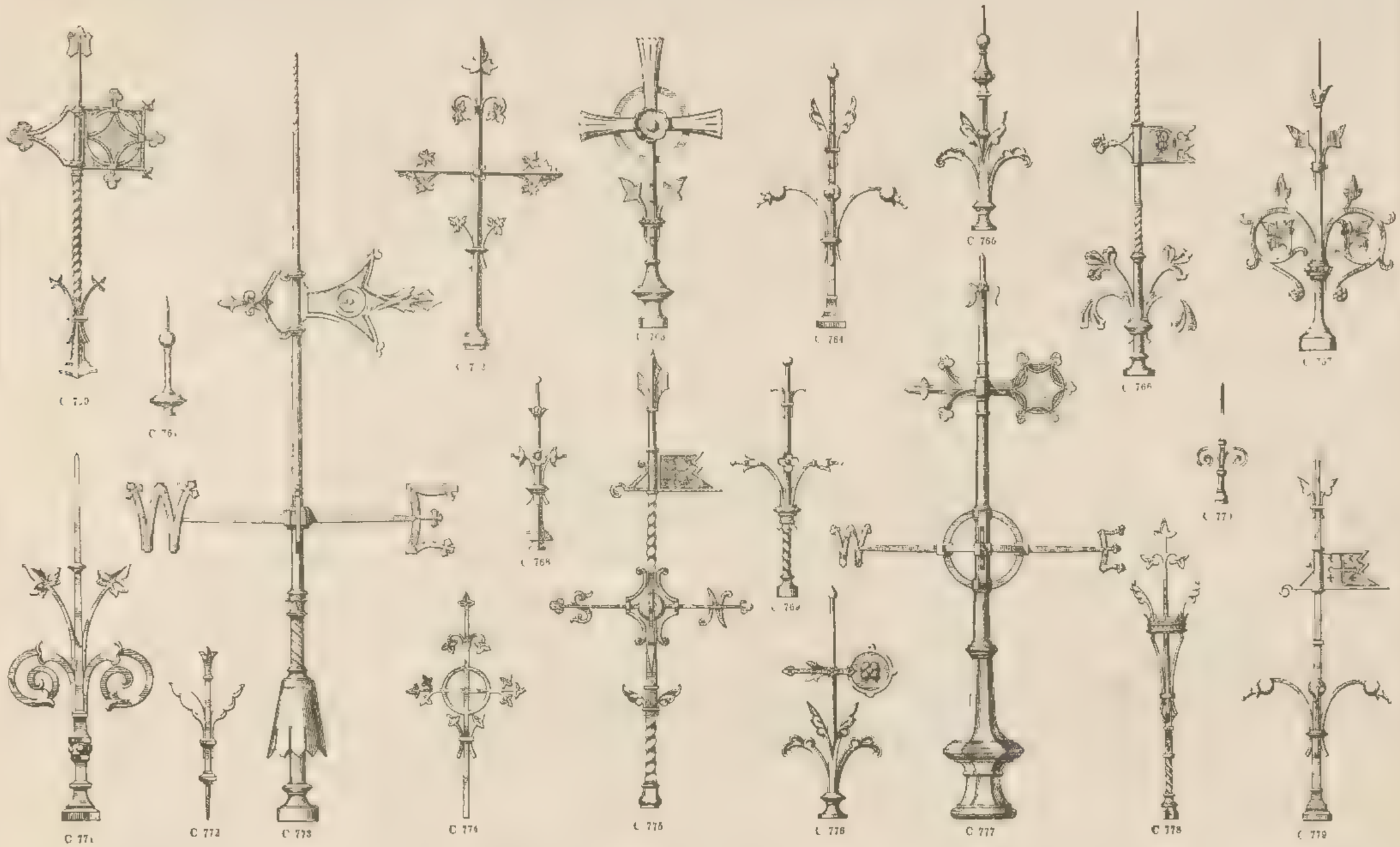
C 743	—Size 22½ in × 3⅜ in		each
C 744	— ,, 3 ft 5 in × 4½ in	...	3/- ,,
C 745	— ,, 4 ft 11 in × 6¾ in	...	8/6 ,,
C 746	1 ft 11¼ in × 8¾ in.	...	3/9 ,,
C 747	,, 2 ft × 1 ft ...	...	5/6 ,,
C 748	— ,, 2 ft 2 in × 13¼ in	...	6/6 ,,

C 749	Size 2 ft 6½ in × 11 in		7/- each
C 750	— ,, 2 ft 6 in. × 12 in		6/3
C 751	— ,, 2 ft × 14 in	..	6/3 ,,
C 752	— ,, 15 in × 14 in	.	4/- ,,
,,	,, 17½ in × 17½ in	..	4/3 ,,
C 753	— ,, 12 in × 12 in		[illegible]

C 754	—Size 2 ft 2½ in. × 1 ft 5 in		7/- each
C 755	,, 2 ft 10½ in × 1 ft 5¾ in		8/9 ,,
C 756	— ,, 4 ft 0¼ in × 2 ft		1[illegible]/3
C 757	3 ft 1½ in × 1 ft 10½ in		12/9 ,,
,,	,, 4 ft × 2 ft		15/3 ,,
C 758	— ,, 4 ft 1 in. × 1 ft 7¼ in		16/- ,,

Further details will be sent on receipt of requirements.

CAST IRON FINIALS.



C 760	3 ft 6 in. high	2 ways, 16/9 each,	4 ways, 20/- each		C [illegible]	3 ft [illegible] in high	2 ways, 12/3 each,	[illegible] ways 20/- each		C 776	[illegible] ft [illegible] in high	[illegible] ways 13/[illegible] each	[illegible] ways, 17/6 each		
C 761	1 ft 2½ in		[illegible]		C 768	1 ft [illegible] in	[illegible]	[illegible]		C [illegible]	[illegible] ft [illegible]		4	[illegible]	
C 762	2 ft 6 in	2 ways, 8/6 each			C 769	2 ft 3 in	[illegible]	[illegible]			12 ft 0 in		4		
	[illegible] ft 10 in	2	10/6	4 ways [illegible] each	C [illegible]	1 ft 2 in	[illegible]	[illegible]		C [illegible]	2 ft 11 in		4	21	
	4 ft 3 in			4	[illegible]	[illegible]	[illegible]	11/6	4	[illegible]	3 ft [illegible]	2 ,, 17/6 ,,	4 ,, 24/6 ,,		
C 763	2 ft 6 in	2	11/6		C 772	1 ft [illegible] in	[illegible]	2/3							
C 764	[illegible] ft [illegible] in	2 ,,	8/9	4	[illegible]		[illegible] ft 0 in	[illegible]	4	[illegible]					
C 765	2 ft 1 in	2	3/6	4	[illegible]	C 773	[illegible] ft [illegible]		4	[illegible]					
	2 ft 3 in	2	4/3	4	[illegible]	C 774	2 ft 1 in	[illegible]							
C 766	3 ft 6 in	2	16/9	4	[illegible]	C 775	4 ft 7 in		4	28/-					

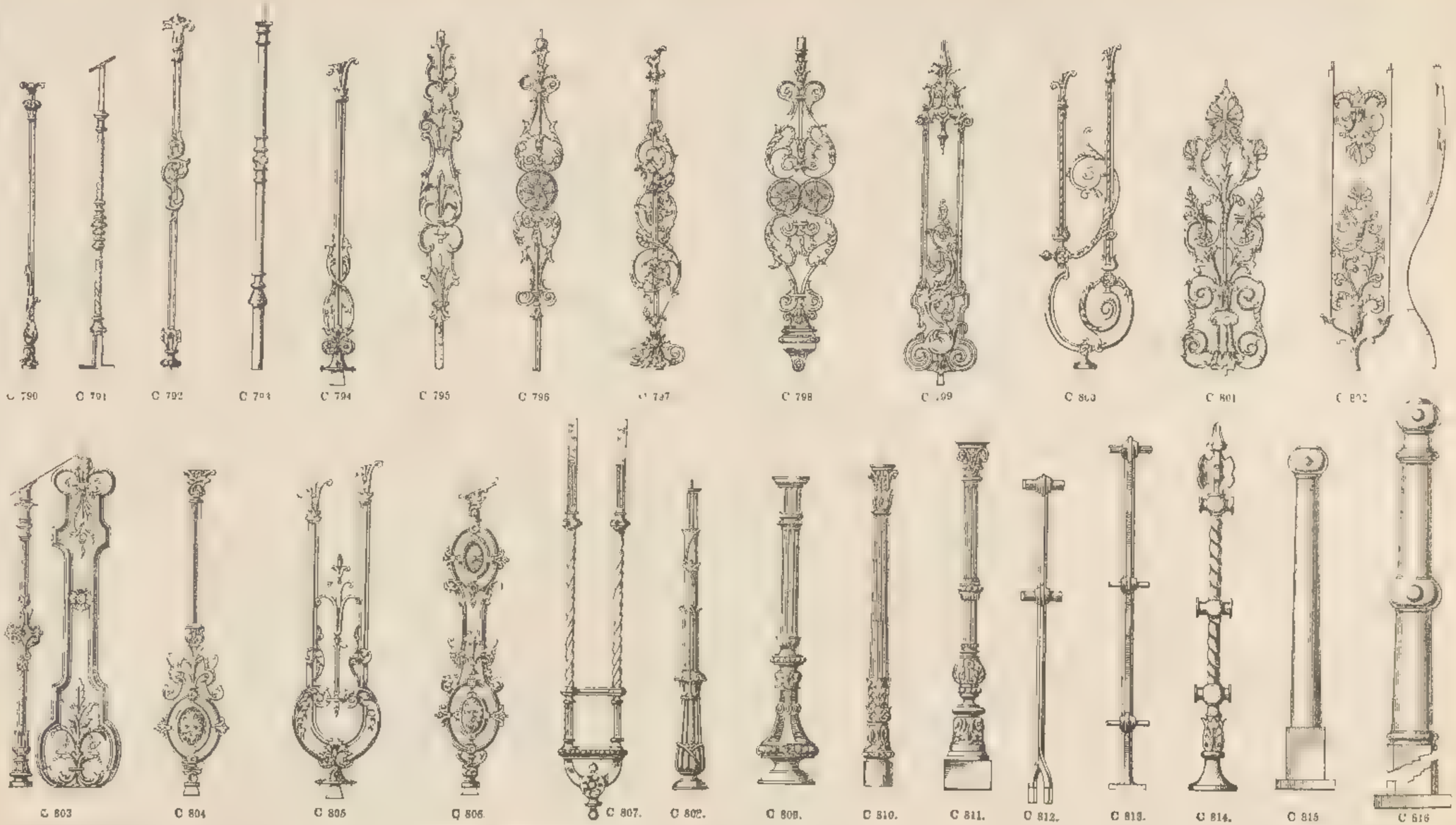
Fixings charged extra except C 772 price of which includes Coach Screw

Coach Screw or Bolt and Nut fixings up to 9 in 1/6 to 2/6 ea extra

,, above 9 in. and not exceeding 2 ft } [illegible]

Further details will be sent on receipt of requirements.

STAIRCASE, BALUSTER, NEWEL AND RAILING BARS.



C 790	Baluster Bar	2 ft. 4½ in. long	1/9 each
,,	,, ,,	2 ft. 9 in. long	2/- ,,
C 791 —	,, ,,	any ordinary length	2/9 ,,
C 792	,, ,,	2 ft. 4 in. long	1/6 ,,
C 793	,, ,,	3 ft. 1 in. long	1/9 ,,
C 794	,, ,,	any ordinary length	1/6 ,,
,,	,, ,,	with side caulking	2/2 ,,
C 795	,, ,,	2 ft. 9 in. long	1/9 ,,
C 796	,, ,,	2 ft. 10 in. long	1/3 ,,
C 797	,, ,,	2 ft. 10 in. long	2/6 ,,
C 798	,, ,,	2 ft. 7 in. long	4/- ,,
C 799	,, ,,	2 ft. 7 in. long × 7 in. wide	2/4 ,,
,,	,, ,,	2 ft. 9 in. long × 7 in. wide	2/6 ,,
,,	,, ,,	2 ft. 10½ in. long × 7 in. wide	2/8 ,,
,,	,, ,,	2 ft. 11½ in. long × 7 in. wide	2/10 ,,
,,	,, ,,	3 ft. 0 in. long × 7 in. wide	2/10 ,,

C 799	Baluster Bar,	2 ft. 9 in. long × 7 in. wide	3/- each.
C 800. —	,, ,,	any ordinary length, 8½ in. wide	3/6 ,,
	,, ,,	,, ,, 9½ in. wide	3/6 ,,
	,, ,,	with side caulkings	4/- ,,
C 801. —	,, ,,	2 ft. 6½ in. long	3/8 ,,
	,, ,,	2 ft. 7½ in. long	3/10 ,,
	,, ,,	2 ft. 8 in. long	3/10 ,,
	,, ,,	3 ft. 0 in. long	4/2 ,,
C 802 —	,, ,,	2 ft. 7 in. long	3/6 ,,
C 803.	,, ,,	any ordinary length, single	2/- ,,
	,, ,,	,, ,, double	4/- ,,
C 804.	,, ,,	2 ft. 10½ in. long	3/9 ,,
C 805.	,, ,,	any ordinary length	3/- ,,
	,, ,,	with side caulking	3/8 ,,
C 806.	,, ,,	2 ft. 8 in. long	4/3 ,,
C 807	,, ,,	3 ft. 3 in. long	3/6 ,,

C 808.—Newel Bar, 2 ft. 4½ in. long, with three holes in top flange, and coach screw or bolt and nut in base	4/6 each.
,, Ditto, 2 ft. 8 in. long, with pin in top ,,	4/6 ,,
C 809. Newel Bar, 2 ft. 10 in. to 3 ft. 2 in. long, with loose husk, and bolt and nut fixing	8/- ,,
C 810.—Newel Bar, 2 ft. 10 in. long } *Bolts and Nuts or Wood Screws*	5/3 ,,
C 811.— ,, ,, 3 ft. 2 in. long } *for fixing charged extra.*	13/3 ,,
C 812.—Railing Standard, for 1 in. bars, 2 ft. 10 in. long	2/- ,,
C 813. ,, ,, for ¾ in. top and ½ in. lower bars, 3 ft. 2 in. long	2/6 ,,
C 814.— ,, ,, for 1 in. bars, 3 ft. 3 in. long	8/9 ,,

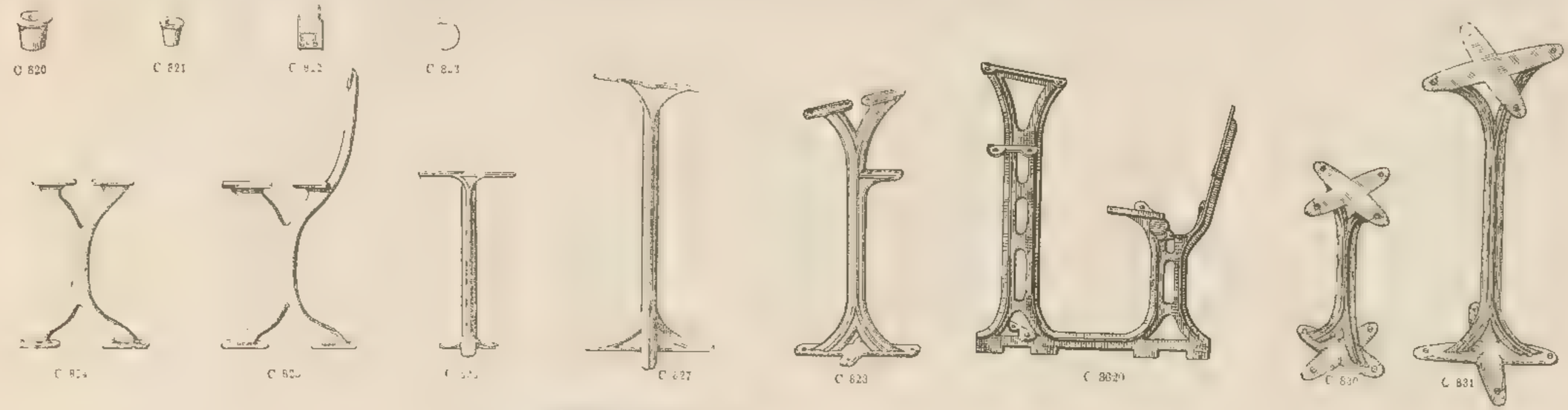
Prices for other lengths on receipt of lengths and quantities required.

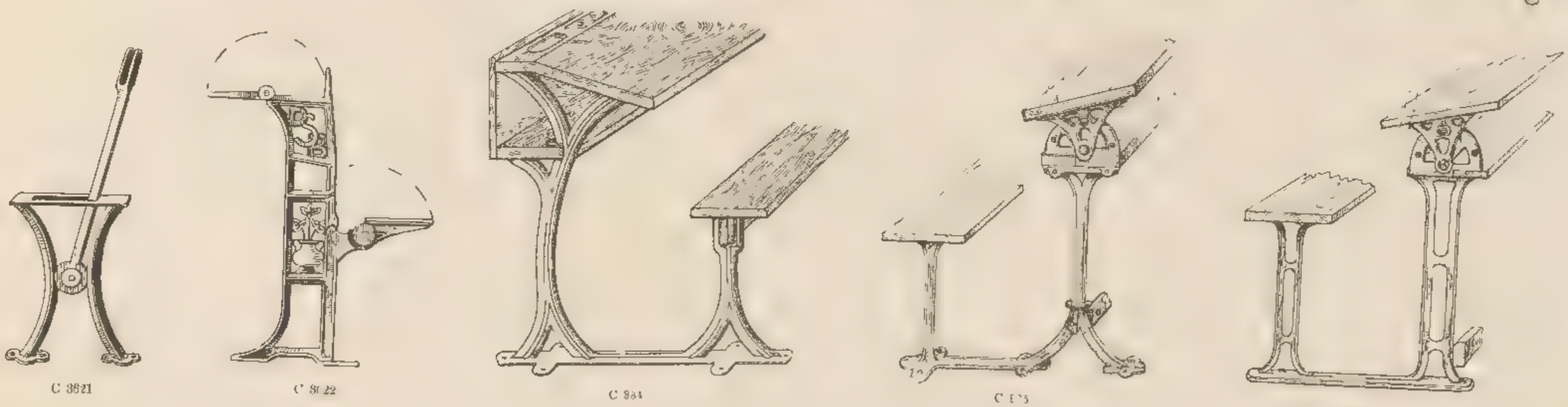
C 815.—Boundary Post } *A large number of patterns and sizes. Particulars and*	
C 816. ,, ,, } *prices on receipt of requirements.*	

Prices quoted are for Plain Castings and fixings for Stone. Screw holes for Wood and Bronzing charged extra, also alterations of patterns to suit special lengths.

Further details will be sent on receipt of requirements.

SCHOOL DESK AND SEAT FITTINGS.





C 820. Porcelain Covered Ink Well . 1¾ in , 1/- per doz
C 821 Porcelain Open Ink Well 1¼ 1½ in diam over top flange 11d 1/- per dozen
,, Lead ditto 1¼ in diam over top flange, 3/- doz
C 822 —Sliding Brass Ink Well Cover .. 8 ,
,, Ditto, Machine made .. 6 ,,
,, Japanned Malleable Iron ditto.. 4 ,
C 823 —Hinged Brass ditto ditto 4 3 ,
, Ditto, Japanned Malleable Iron ditto 3 9 ,
C 824.—Seat Standard 12, 13 or 14 in high 2 1 each
,, ,, ,, 15 or 16 in , 2 3 ,,
18 in 2 6
C 825 —Seat Standard—
Seat 14 in , Back 25 in high ... 2,8 ,
,, 15 in., ,, 26 in ,, ... 2 9 ,
,, 15¾ in., ,, 28 in ,, .. 3/2 ,
,, 17 in., ,, 30 in ,, ... 3/2 ,,
,, 17 in , ,, 32 in ,, .. 3/4 ,,

C 826 —Seat Standard, 6 in high 1/2 each
,, ,, 8 9 in ,, 1/4 ,,
, ,, 10 11 in ,, 1 6 ,,
, ,, 13, 14 in ,, 1 8 ,
, , 1 ft 3 in ,, 1 10 ,,
, 1 ft 4 in , 2 ,,
, ,, 1 ft 5 in ,, 2 3 ,,
, ,, 1 ft 5½ in ,, 2 3 ,,
,, , 1 ft 6 in , 2 4 ,,
, 1 ft 8 in , 2 8 ,,
,, ,, 1 ft 11 in 3 3 ,
C 827 —Desk Standard, 2 ft 1½ in high 5 3 ,,
, , 2 ft 2¾ in , 5 3 ,,
, , 2 ft 3¼ in ,, 5 6 ,,
,, 2 ft 3⅝ in ,, 6 6 ,,
, ,, 2 ft 7½ in ,, 6 2 ,,
, ,, 2 ft 8½ in , 6 4
,, , 2 ft 10 in , 6 ,,
Heights given are over ironwork, and do not include woodwork

C 828.—Desk Standard, 2 ft 1½ in high 2/9 each
,, ,, 2 ft 5 in . 3/- ,
C 3620.—Improved Desk and Seat Standard, with movable seat—
Desk 30½ in high
Seat 13½ in ,, 5/ ,,
C 830 —Seat Standard, 1 ft 5 in high 2 9 ,,
C 831 —Desk ,, 2 ft 6½ in ,, 5
C 3621 Reversible Seat Standard—
15¾ in high . 4 3 ,,
16¼ in ,, ... 4 3 ,
C 3622. Improved Desk and Seat Standard, with folding desk & seat
Desk 18¾ in., Seat 9¾ in 3 9 ,
,, 22 in., ,, 13½ in 3 9 ,,
,, 26½ in., ,, 15½ in 4 6 ,

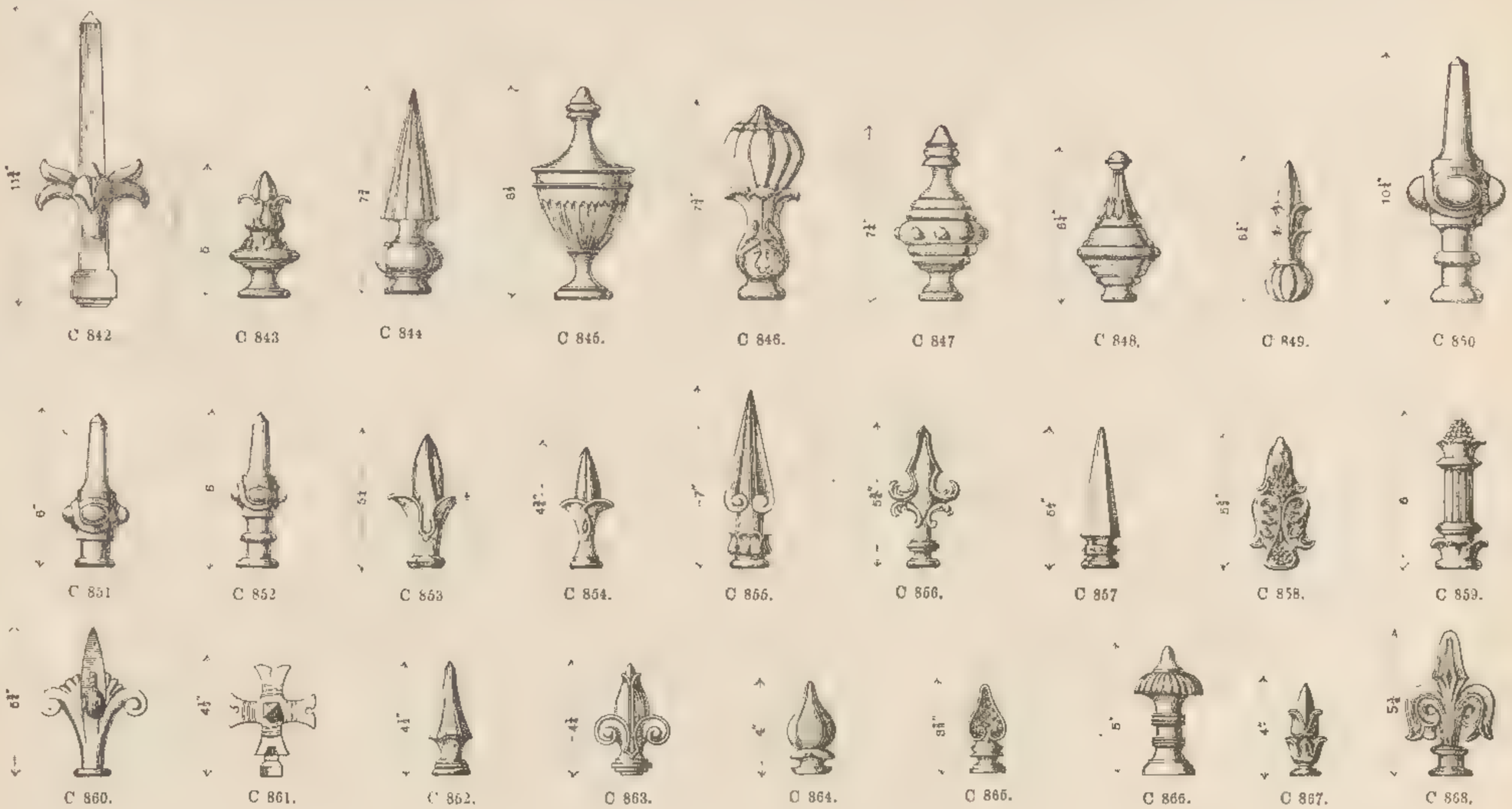
C 834 —Desk and Seat Standard—
Desk 18 in., Seat 10 in high 3/4 each
, 20 in , ,, 10 in . 3 7 ,
,, 22½ in , ,, 12 in. ,, 3, 10 ,,
,, 23 in , 12 in 3 10
,, 25 in ,, 12 in , 4, ,
,, 25 in. ,, 13 in ,, 4/ ,,
,, 26½ in. ,, 13½ in. ,, 4/2 ,,
,, 28½ in ,, 15 in ,, 4/4 ,,

C 835 —Improved Quadrant Desk & Bench Standard fitted for foot rail & book board
Desk 25¾ in., Seat 14¼ in high... 7/4 each

C 836 —Improved Quadrant Desk & Bench Standard, fitted for foot rail & book board -
Desk 27½ in., Seat 16 in high .. 7/9 each

Further details will be sent on receipt of requirements.

CAST RAILING HEADS.



PRICES—

[illegible]	C 843	C 844	C 845	C 846	C 847	[illegible]	C 849	C 850
[illegible]	5½d	8d	1/7	9d	1/2	[illegible]	5½d	1/2 each
[illegible]	C 852	C 853	C 854.	C 855	C 856	[illegible]	C 858	C 859
[illegible]	4d	3d	2½d	4d	2d	[illegible]	3d	5d each
[illegible]	C 861	C 862	C 863	C 864	C 865	[illegible]	C 867	C 868.
[illegible]	2½d	2½d	2½d.	3½d	2d	[illegible]	2½d	4½d each

Special prices quoted for large quantities

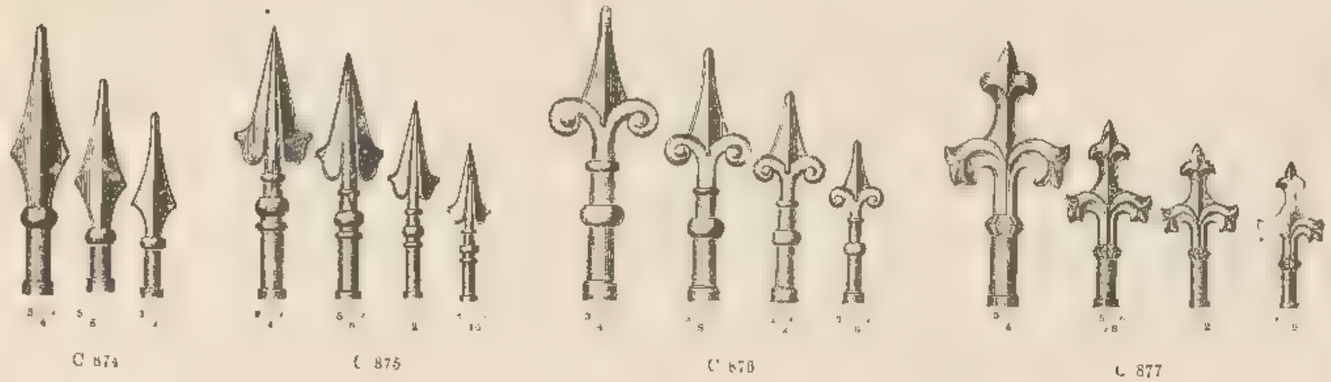
Scale, 2 inches = 1 foot

Further details will be sent on receipt of requirements.

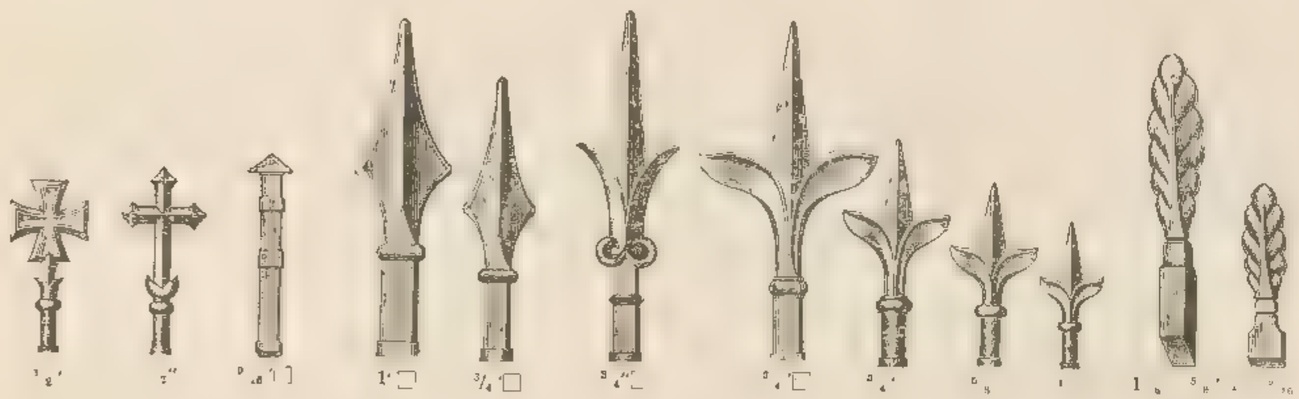
RAILING BAR HEADS AND FITTINGS.

WROUGHT IRON RAILING HEADS.

PREPARED FOR WELDING ON BARS



C 874 C 875 C 876 C 877



C 878. C 879. C 880. C 881. C 882. C 883. C 884.

C 874	½ in	Round Shank	1/8 per doz.
	⅝ in.	,,	2/3 ,,
	¾ in		3/8 ,,
C 875	[illegible] in		1,6 ,,
	½ in	,,	2/- ,,
	⅝ in		2,9 ,,
	¾ in		4/3 ,,
	⅞ in		6/- ,,
C 876	[illegible] in		1/8 ,,
	½ in		2 3
	⅝ in		3/- ,,
	¾ in	,,	4/6 ,,
C 877.	7/16 in	Round Shank	1/8 per doz
,,	½ in	,,	2/ ,,
,,	⅝ in	,,	2/10 ,,
	¾ in	,,	4/6 ,,
,,	⅞ in	,,	6/6 ,,
,,	1 in.	,,	12/3 ,,
C 878	½ in	,,	4/- ,,
C 879	½ in.	,,	4/9
C 880.	9/16 in	Square Shank	8/3 ,,
C 881	¾ in	,,	7/6 ,,
,,	1 in	,,	10/6 ,,
C 882	¾ in.	Square Shank	7/- per doz
C 883.	½ in	Round Shank	2/4 ,,
,,	⅝ in.	,,	3/ ,,
,,	¾ in	,,	4/6
	¾ in	Square Shank	12/- ,,
,,	¾ in. × ½ in.		5/- ,,
,,	⅞ in	Square Shank	15/-
,,	1 in	,,	20/- ,,
C 884	1 in × 9/16 in	do.	6/10 ,,
,,	1⅛ in. × ⅝ in	do	11/6 ,,

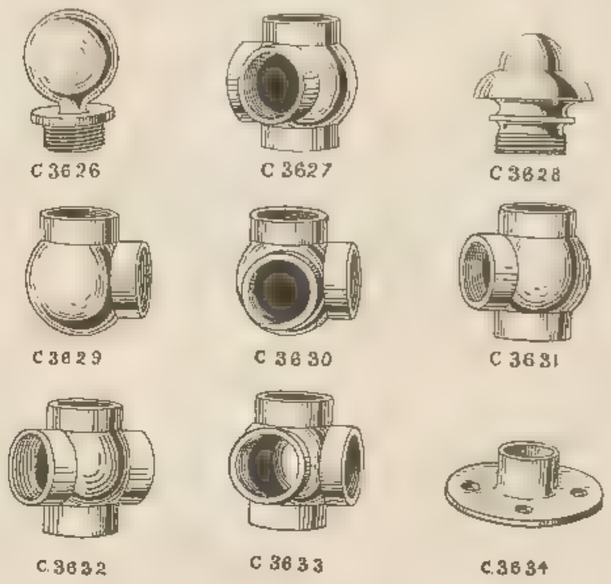
Heads with Round Shanks can be welded to Square Bars of a smaller size

Scale 2 in - 1 ft, viz ⅙th full size

Various other patterns can be supplied when large quantities are required.

MALLEABLE IRON RAILING FITTINGS.

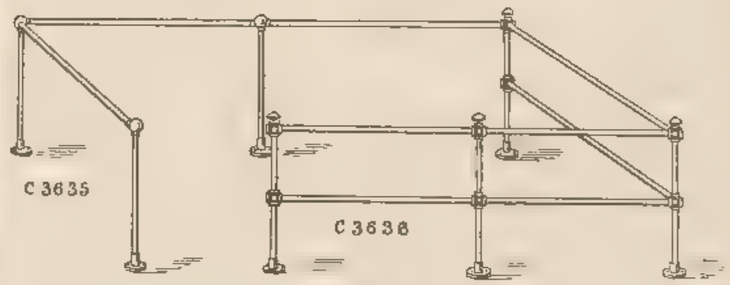
Screwed for Wrought Iron Pipe, for Fences, Enclosing Engines and Machinery, Exhibition Spaces, &c



C 3626 C 3627 C 3628

C 3629 C 3630 C 3631

C 3632 C 3633 C 3634



C 3635 C 3636

	¾	1	1¼	1½	
C 3626 —Ball Ornament	5½d	6d	7d	9d	each
C 3627 —Side Outlet Tees, equal or diminishing ...	6d	9d	11½d	1/4	,,
C 3628 —Acorn Ornament ...	5½d	6d	7d	9d	,,
C 3629 —Elbows, equal or diminishing	4½d	7d	7½d	1/2	,,
C 3630 —Side Outlet Elbows, equal or diminishing ..	5½d	8d	9d	1/3	,,
C 3631 —Tees ditto ditto ...	5½d	8d	9d	1/3	,,
C 3632 —Crosses ditto ditto ...	6d	9d	11½d	1/4	
C 3633. —Side Outlet Crosses, equal or diminishing ...	7d.	10½d.	1/	1/5	,,
C 3634 —Flanges ,, ...	6d	7d	9d	1/4	,,

All the above are tapped right hand thread, unless otherwise ordered As these fittings do not need to be steam or water tight a sufficiently clean thread to screw up well and make a good job can be made by running a left hand tap into any outlet tapped right hand

Prices for Railing fitted up as C 3635 or C 3636, on receipt of requirements

Further details will be sent on receipt of requirements.

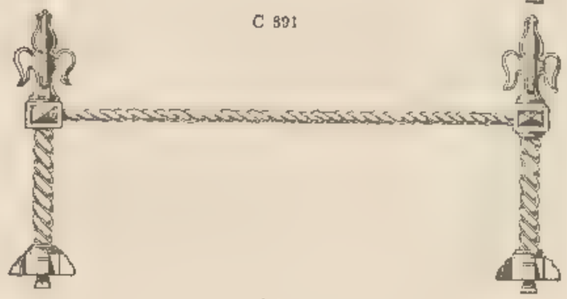
WINDOW GUARDS AND TOMB RAILING.

C 890

C 891

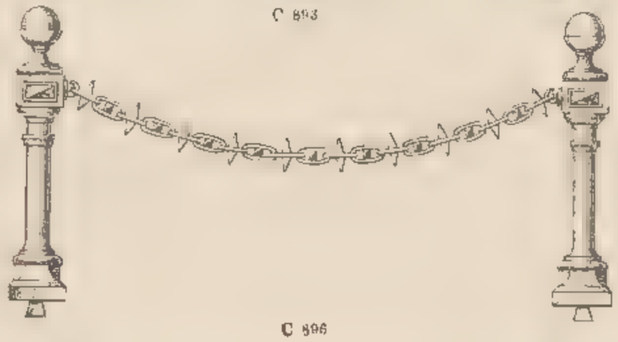
C 892

C 893



C 894

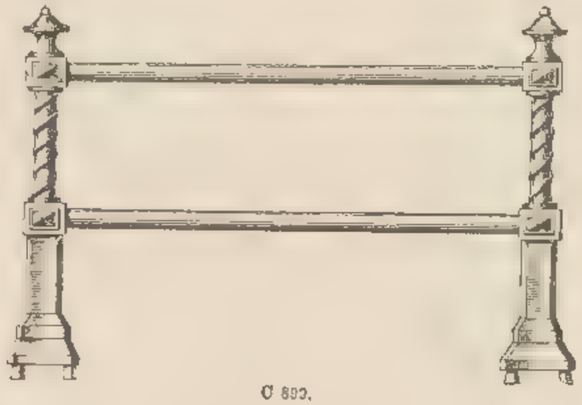
C 895



C 896

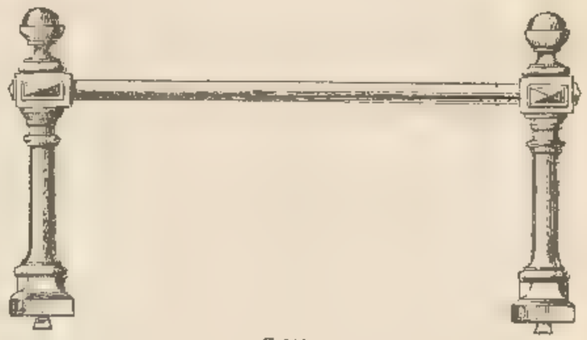
C 897

C 898.



C 899.

C 900.



C 901.

C 890 —Pillar, 7 in high, 5 in high to top of rail Base 3 in diam Centre, 1/6; Corner, 2/- each
Twisted Rail, 1 in diameter, 9d. per foot; Knobs, 10d. per pair, Fitting Knobs, 1/- extra per pair

C 891 Pillar, 12 in high, $7\frac{1}{2}$ in high to top of rail Base $2\frac{1}{4}$ in square, 1/10 each Bar 1 in square, 10d per foot

C 892 Pillar, $10\frac{1}{4}$ in high $7\frac{1}{2}$ in high to top of bar, Base $2\frac{1}{2}$ in diameter, 2/6 each Bar 1 in diameter, 9d per foot

C 893 —Pillar, $15\frac{1}{2}$ in high, $11\frac{1}{2}$ in high to top of top bar, 4 in high to top of lower bar, Base $2\frac{3}{8}$ in square 2/9 each
Wrought Double Bar, 1/- per foot

C 894 —Pillar, 1 ft 7 in. high 1 ft high to top of bar, Base $4\frac{5}{8}$ in over all, 3/6 each Bar 1 in diameter, 9d per foot
Pillar also supplied with Spike to drive into ground, 5/ each
Base can be reduced to $2\frac{1}{2}$ in square by taking off projections

C 895 Pillar, 1 ft $2\frac{1}{2}$ in. high $11\frac{3}{4}$ in high to top of bar, Base $3\frac{7}{8}$ in. diameter, 2/3 each; Corner ditto, 2/6 each

Ditto, 1 ft 6 in high, $15\frac{1}{4}$ in high to top of bar, Base $3\frac{1}{4}$ in diam, 2/9 each, Corner ditto, 3/- each Bar 1 in diam 9d per foot

C 896 Pillar, 22 in high Base 4 in square 7/3 each
Wrought Spike Chain, 10d per foot

C 897 —Pillar, 14 in high, Base 3 in square, 3/9 each
Combined Wrought and Cast Galvanized Chain, 1/3 per foot
Can also be supplied with 1 in. Twisted Rail, as to C 894

C 898 —Pillar, 16 in high, Base 3 in square, 4/3 each
Combined Wrought and Cast Galvanized Chain, 1/3 per foot

C 899 Pillar $24\frac{1}{2}$ in high, 20 in high to top of top bar, 10 in high to top of lower bar Base $4\frac{3}{4}$ in over all, 6/- each $1\frac{1}{4}$ in Wrought Round Bars or 1 in square on edge 1/3 per ft for double bars

C 900 Pillar 24 in high, Base $3\frac{3}{4}$ in square, 9/9 each
Wrought Chain, 1/- per foot; Lighter Chain, 10d per foot

C 901 Pillar 22 in high, $16\frac{1}{2}$ in high to top of bar, Base 4 in square, 6/8 each. $1\frac{1}{2}$ in Wrought Bar, $7\frac{1}{2}$d per foot

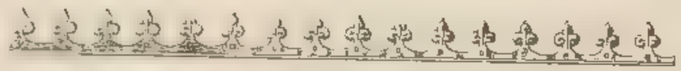
Prices include Fitting and Painting one coat We recommend all Tomb Railings to be Galvanized, which costs about one-half more

Further details will be sent on receipt of requirements.

CAST IRON CRESTING AND RAILING

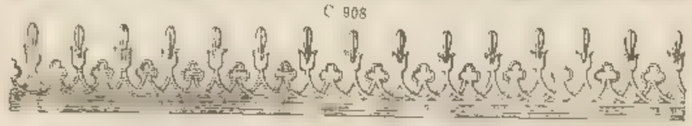
C 907

C 908



C 909

C 910

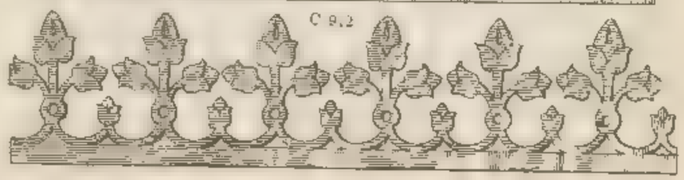


C 911

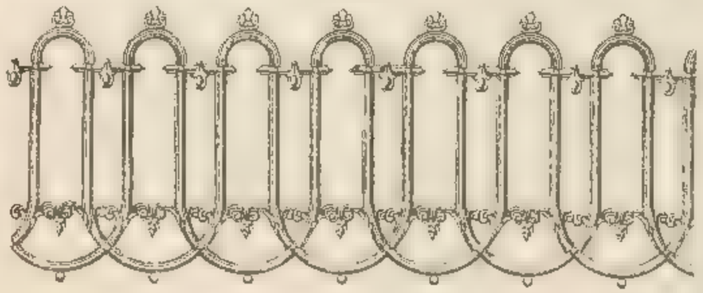
C 912

C 913

C 914.



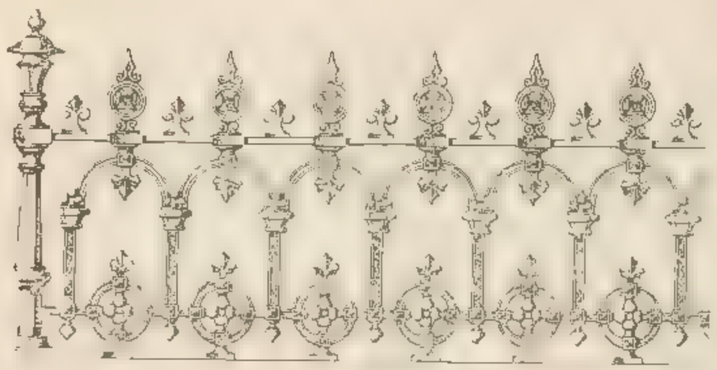
C 915



C 916

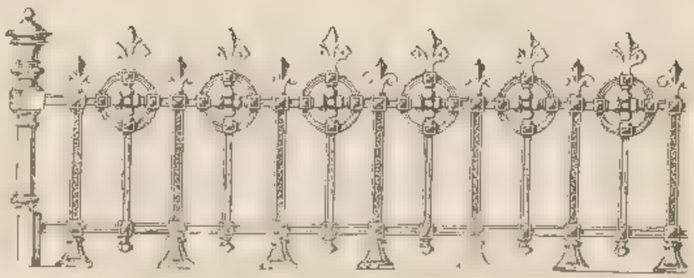
C 917

C 918



C 919

C 920



C 921

C 907 Cresting, 5 in. high in 3 ft 7½ in lengths, 2/6 per yard
C 908 ,, one face only, 5 in high, in 1 ft 11 in lengths ... . 2/3 ,,
C 909 3½ in high, in 3 ft 7½ in. lengths, 1/6 ,,
C 910 5⅝ in. ,, 2 ft. 9¾ in ,, 2/3 ,,
C 911 6¼ in ,, 3 ft. 4 in ,, 2 6 ,,
C 912 6 in ,, 2 ft 11 in ,, 2/6
C 913 8¾ in. ,, 3 ft 9 in ,, 3/- ,

C 914 Cresting, [illegible] in high, in 4 ft 0 in lengths [illegible] per yard
C 915 ,, 11½ in ,, 4 ft 0 in ,, 3/9 ,,
C 916 Railing, 1 ft 9 in ,, 4 ft 3 in ,, 4 6 ,,
Pillars for ditto 2/6 each
C 917 Cresting, 1 ft 1 in high, in 4 ft 0 in lengths, 3 6 per yard
C 918 Railing, 1 ft 2½ in ,, 3 ft 8 in ,, 4 6 ,,
C 919 ,, 2 ft high ... . 7/6 ,,
Pillars for ditto, 2 ft 6 in high, 5/- each

Fitting, drilling or cutting to lengths, extra

C 920 —Railing, 2 ft 7 in high, in 3 ft 10 in lengths, 8 9 per yard
C 920 is also made 20 in high, in 4 ft lengths ... 5/3 ,,
,, ,, 24 in. ,, 4 ft ,, ..
,, ,, 25½ in ,, 3 ft 9½ in lengths ..

C 921 —Railing, 1 ft 6 in high 6 3

Pillars 1 ft 9 in high 4/- each

Further details will be sent on receipt of requirements.

LAMP PILLARS AND LANTERNS.

C 927	Lamp Bracket only	52/6	each.
,,	Ditto, with Lantern and Gasfittings complete ...	136/6	,,
C 932	Lamp Bracket only, 1 ft. 11½ in. projection to centre	21/-	,,
,,	Lantern only, with Socket to attach to Bracket, 14 in.	42/6	,,
C 940	Pillar only, fixing for earth 11 ft. 5½ in. over all	37/6	,,
,,	Cradle and Ladder Iron	8/6	,,
,,	Lantern only, exclusive of Cradle, 14 in.	12/9	,,
,,	Ditto ditto 16 in.	16/9	,,

Lamp Pillars	C 928.	C 929.	C 930.	C 931	C 933	C 934	C 935.	C 936	C 937.	C 938.	C 3640
Height	1 ft. 3¾ in.	10 in.	10 in.	1 ft.	2 ft. 8½ in.	2 ft. 7 in	2 ft. 9½ in.	5 ft. 6 in	6 ft.	9 ft. 11 in	8 ft. 4½ in
Prices of Pillars only	22/6	10/-	12/6	35/-	25/-	25/6	42/-	25/-	30/	42/6	42/6 each.

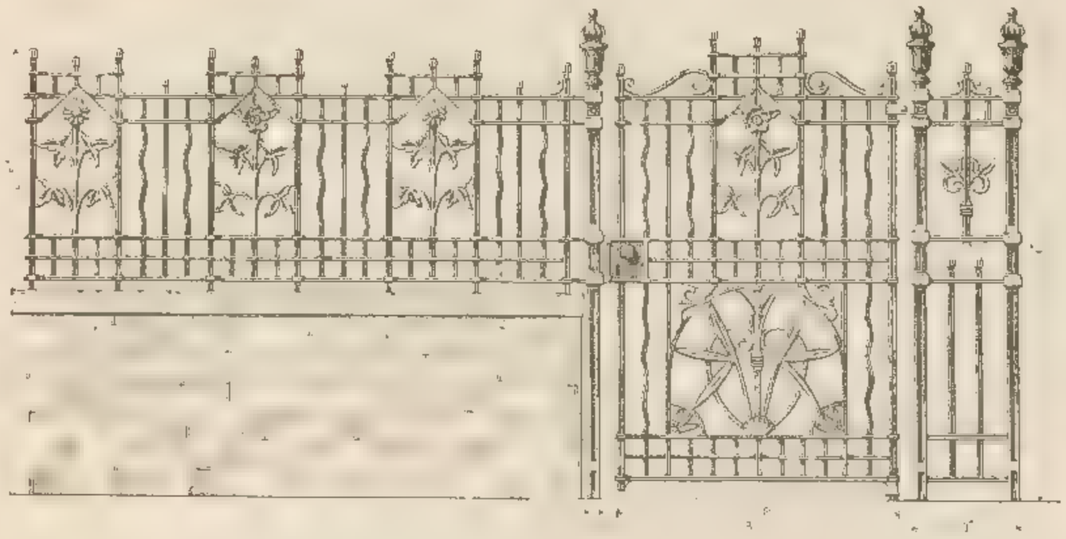
All to fix to Stone, except C 938, which is 11 ft. 9 in. over all. C 928 has single base only.
Other patterns with earth fixings at extra cost.

Lanterns for Pillars	C 928.	C 929.	C 930.	C 931.	C 933.	C 934.	C 935.	C 936.	C 937
Size	12 in.	14 in.	10 in.	14 in.	16 in.	14 in	14 in.	14 in. 16 in.	14 in
Prices, including Sockets and Spiders to attach to Pillars	25/6	11/6	56/-	42/6	[illegible]	72/6	47/6	23/-	[illegible]

Special Prices for quantities of No. C 940 for Street Lighting.—All prices are exclusive of Lamps or Gasfittings, except No. C 927. Fittings for Gas, 2/6 to 8/- extra. Petroleum Lamps, with Duplex Burners, 9/- to 1[illegible] extra.
Prices include painting pillars one coat, lamps two coats, plain colours. Lamps in Copper instead of Tin about 10/- to 15/- extra. If Opal Tops to Lamps [illegible] extra.

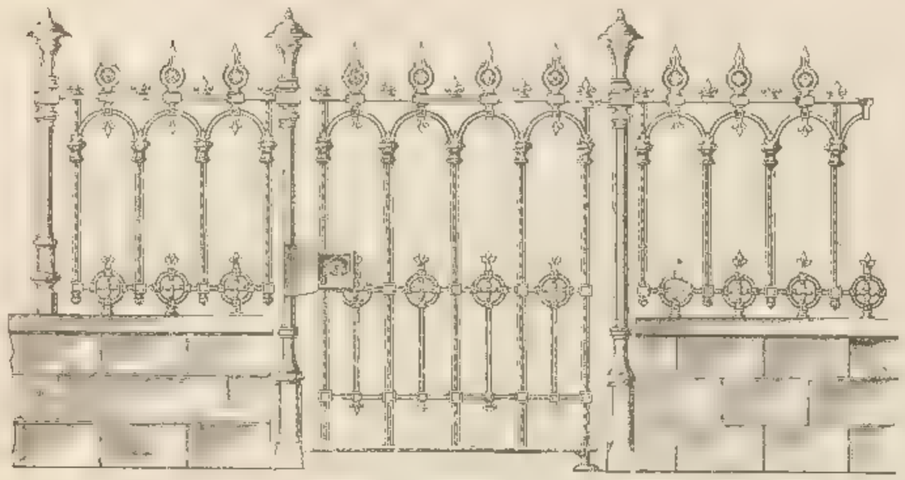
Further details will be sent on receipt of requirements.

CAST IRON GATES AND RAILINGS.



C 945.—Single Gate, for 3 ft. opening × 4 ft. 7 in. high, fitted for Iron Standards, or for Stone, Brick, or Wood Piers, with Lift-up Latch and Knobs, and Locking Box, Painted one coat — £4 6 each
If fitted with Lock having Brass Bolt and Wards — 34/- ,,
Cast Iron Standards, 4 ft. 9 in. high × 1½ in. wide — 11/9 per pair
,, Pilasters, 4 ft. 9 in. high × 12 in. wide — 24/- ,,
,, Railing, 2 ft. 6 in. high, to suit wall 1 ft. 11 in. high, cast in 3 ft. 4 in. lengths, fitted and Painted one coat — 3/3 per ft.
Cut lengths charged as full lengths.

Single Gate, for 3 ft. 0 in. opening × 5 ft. high, fitted for Iron Standards, or for Stone, Brick, or Wood Piers, with Lock and Knobs, and Painted one coat — 45/- each
Cast Iron Standards to suit, 4 in. wide, with stay — 20/- pair.
,, Pilasters ,, 12 in. ,, — 40/- ,,
,, Railing 1 ft. 10 in. high, to suit wall 1 ft. 11 in. high, cast in 3 ft. 7½ in. lengths, fitted, and Painted one coat — 3/- per ft.
Cast Iron Coping for wall 9 in. × 4 in., with Sockets for Bats of Railing — 1/3 ,,



C 947 Single Gate, fitted for Iron Standards, or with Hangings for Stone, Brick, or Wood Piers, with Lift-up Latch, and Knobs, and Striking Box Painted one coat.

	each.		each.
For Opening 3ft. 0in. × 3ft. 7in. to suit 2ft. railing	£1 [illegible]	For Opening 3ft. 0in. × 4ft. 1in. to suit 2ft. 7in. railing	£1 [illegible]
,, 3ft. 0in. × 4ft. 1in. ,, ,,	[illegible]	,, 3ft. 7½in. × 4ft. 1in. ,, ,,	[illegible]
,, 3ft. 7½in. × 4ft. 1in. ,, ,,	[illegible]	,, 3ft. 7½in. × 4ft. 10in. ,, ,,	[illegible]
,, 3ft. 0in. × 3ft. 1½in. ,, 3ft. 7½ ,,	£1		

If fitted with Lock having Brass Bolt and Wards, 8/6 extra.

RAILING AND STANDARDS FOR C 947 or C 948. Prices include fitting and painting one coat.

RAILING

1 ft. 6 in. high	2/7 per ft.	2 ft. 7 in. high	3/1 per ft.
2 ft. ,,	2/10 ,,	4 ft. ,,	4/- ,,

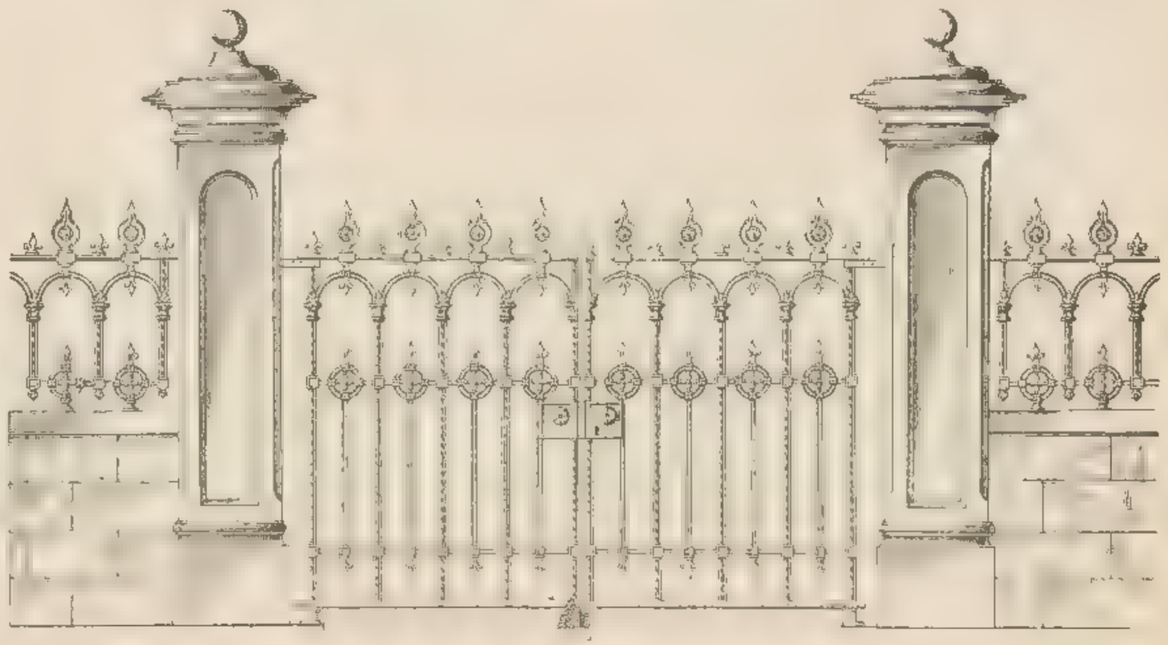
Also supplied 3 ft. 1 in. and 3 ft. 9 in. high, which will be quoted for on application.

DWARF STANDARDS.

For 2 ft. Railing	6/- each.
,, 2 ft. 7 in. ,,	7/3 ,,
,, 4 ft. ,,	11/6 ,,

GATE STANDARDS with Backstays (forming Scrapers).

For 3 ft. 7 in. high	24/6 per pair.
,, 4 ft. 1 in. ,,	30/- ,,
,, 4 ft. 10 in. ,,	37/6 ,,

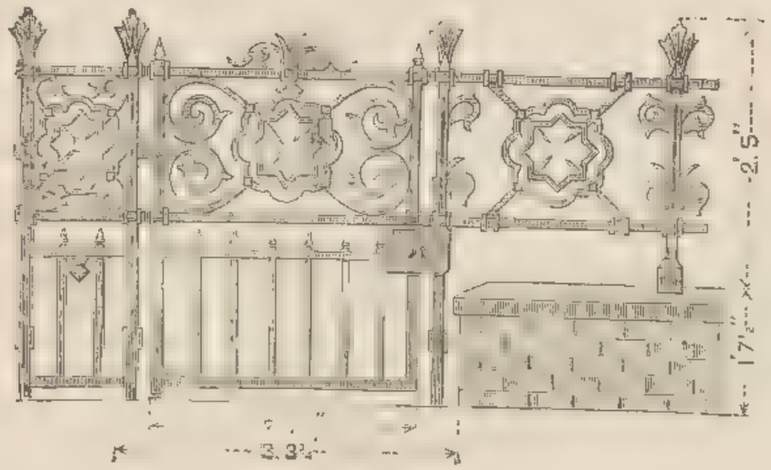


C 948.—Pair of Double Gates, fitted for Iron Standards, or with Hangings for Stone, Brick, or Wood Piers, with Lock having Brass Bolt, stop with self-fixing base, and bolt to secure the half closing first. Painted one coat.

	per pair.		per pair
For Opening 5ft. 8in. × 3ft. 7in. to suit 2 ft. Railing	[illegible]	For Opening 5ft. 8in. × 4ft. 1in. to suit 2ft. 7in. Railing	71/-
,, 6ft. 8in. × 4ft. 1in. ,,	71/6	,, 6ft. 11in. × 4ft. 1in. ,,	80/-
,, 6ft. 11in. × 4ft. 10in. ,,	[illegible]	,, 6ft. 11in. × 4ft. 10in. ,,	85/-
,, 5ft. 8in. × 3ft. 10in. ,, 2 ft. 7 in. ,,	71/-		

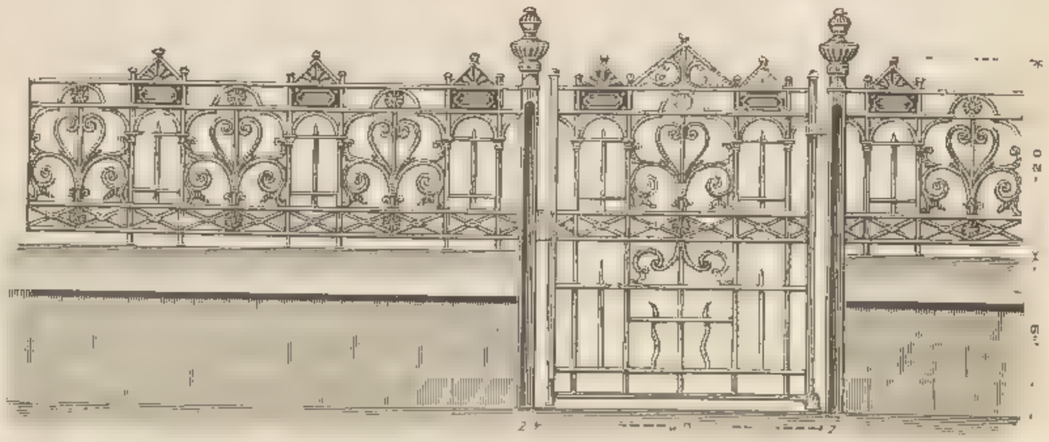
Further details will be sent on receipt of requirements.

CAST IRON GATES AND RAILINGS.



C 3645

Gate, as dimensions above, fitted with lift up latch, and with hangings for stone, brick or wood piers including step and locking box	20/- each
Ditto, ditto with pair of standards and braces complete	23/- ,,
If Pilaster instead of Hanging Pillar, extra	3/9 ,,
Railing Panels, 1 ft 5½ in long	1/6 ,,
Dwarf Wall Standards for Railing	1 6 ,,
Double Length of Wrought Iron Rod, 1 in diameter, fitted to Panels	9d per foot

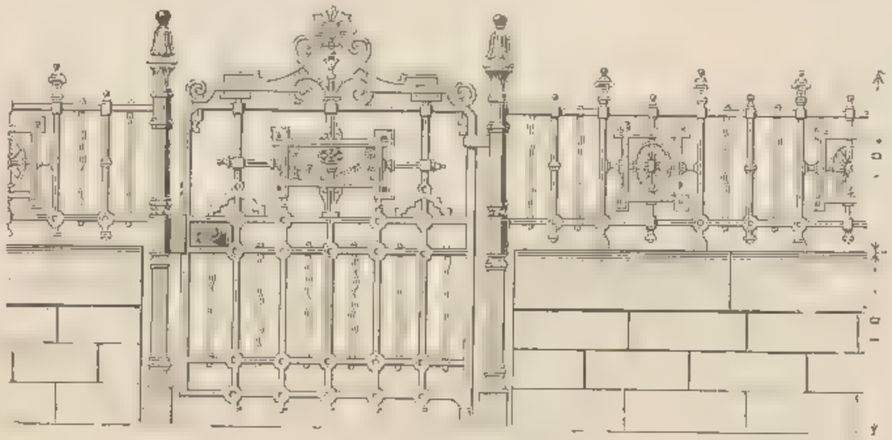


C 3647

Gate, 2 ft. 8 in × 3 ft 11 in, with Locking and Hanging Standards and Braces, fitted with Lock and Knob Clip and Bolt, ready for erection	42/6 each
Gate, 3 ft 2 in × 3 ft 11 in ditto ditto ditto ditto	45/- ,,
Railing Panels, 2 ft high	2 ,, per foot
Coping to suit 9 in wall	1 6

If without Lock and Knob 3/6 less

If without Locking or Hanging Standards, 13/4 less



C 3646

Gate as dimensions above fitted with lift up latch and with hangings for stone brick or wood piers including step and locking box	[illegible] each
Ditto ditto with pair of Standards and Braces complete	38 0 ,,
Railing Panels, 1 ft 10½ in high	2/- per foot
Dwarf Wall Standards for Railing	4/3 each

C 3648

Gate, 3 ft 2 in × 4 ft 2½ in high, with Locking and Hanging Standards and Braces, fitted complete with Lock and Knob Clip and Bolt, ready for erection	[illegible] each
Gate 3 ft [illegible] × 5 ft high, same as above	[illegible] ,,
Railing Panels, 2 ft 3 in high	2/10 per foot
Coping to suit 9 in wall	1/6 ,,

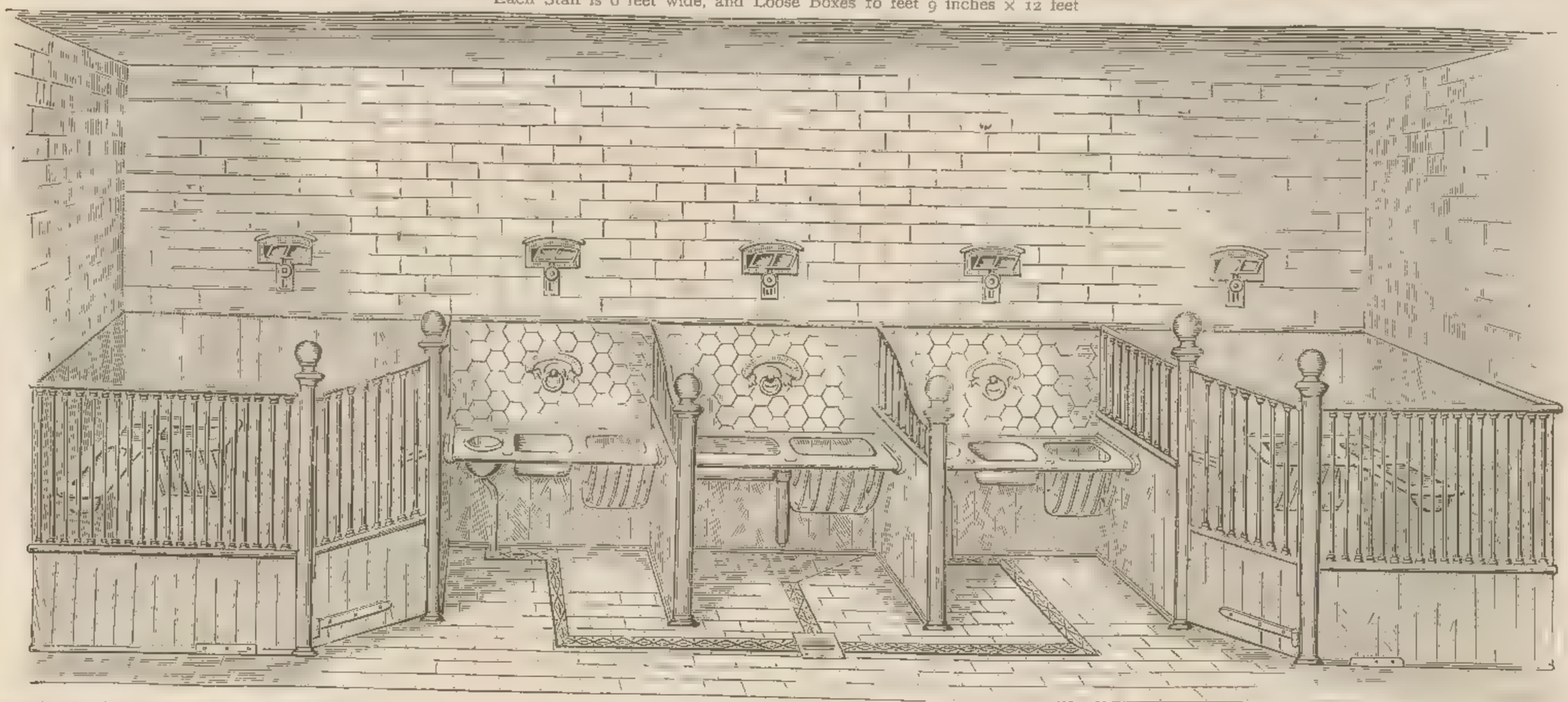
If without Lock and Knob, 3 6 less

If without Locking or Hanging Standards, 13/4 less

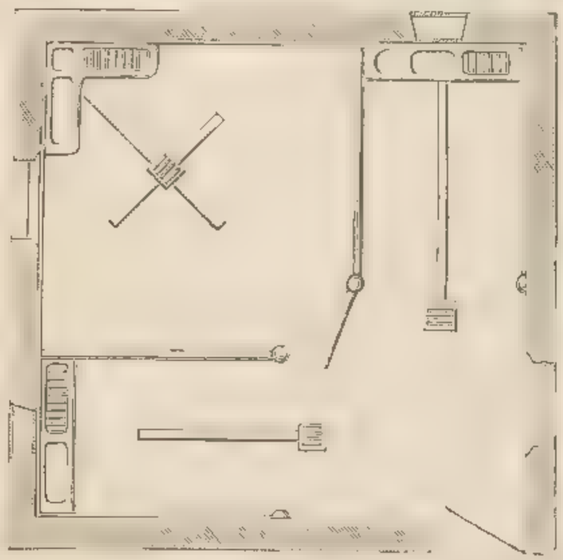
Prices include being fitted for erection and painted one coat. Further details will be sent on receipt of requirements.

IMPROVED IRON STABLE FITTINGS.

Suggestion of arrangement for Three Stalls and Two Loose Boxes, to occupy about 40 feet long × 12 feet wide and additional space for passage in front of Loose Boxes
Each Stall is 6 feet wide, and Loose Boxes 10 feet 9 inches × 12 feet



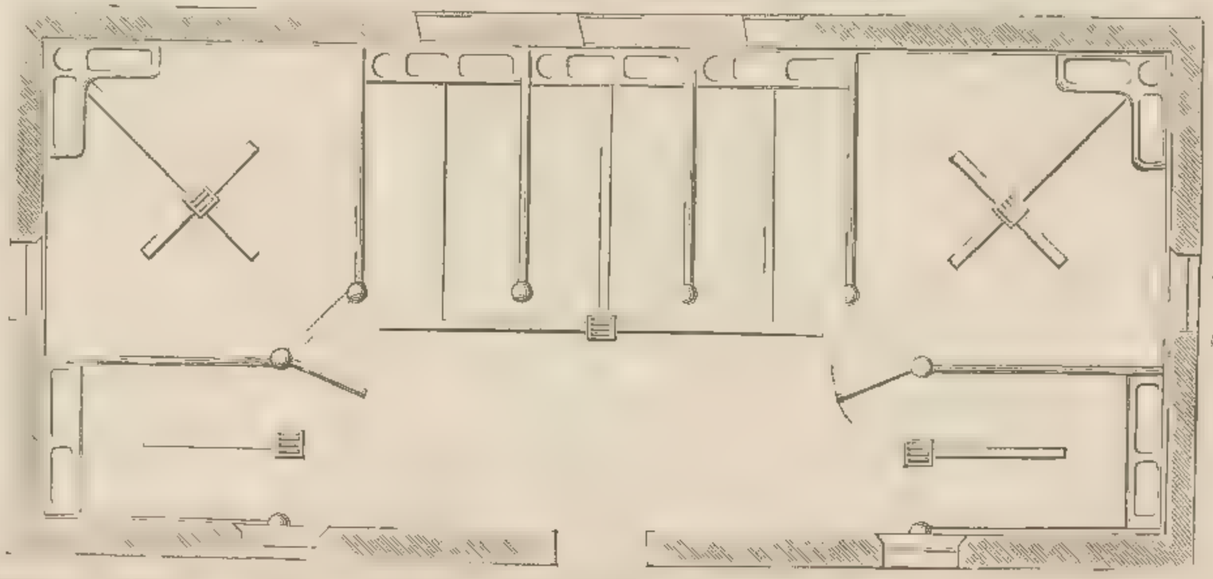
Ground Plan for Loose Box and Two Stalls



PLAN I.

Scale, ½ inch = 1 foot.

Ground Plan for Two Loose Boxes and Five Stalls

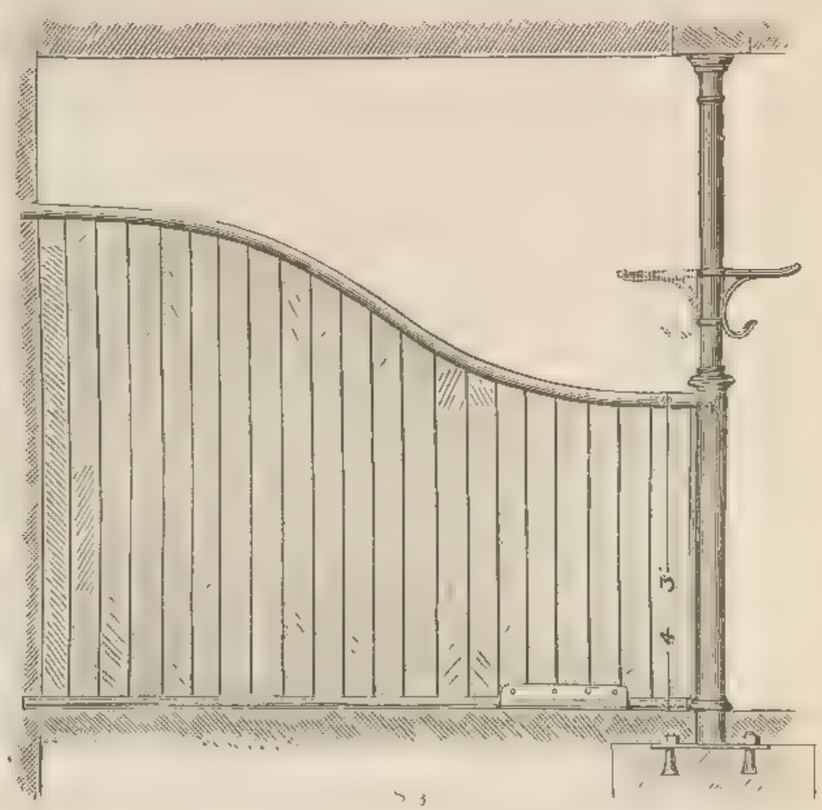


PLAN II.

The arrangement for drainage is often varied, by fixing a Horse Pot in centre of each stall. Estimates furnished on receipt of rough plan with dimensions of building proposed to be fitted up. All Stable Fittings are sent out with one coat of oil paint, and after erection should have two coats of paint and two of copal varnish. Prices are exclusive of woodwork.

STALL DIVISIONS.

S 1



S 3

S 2

	For Woodwork		
S 1 Strong Set of Ironwork for Stall Division, consisting of post 4½ in. diameter, either with plain or fancy head, ramp, and sill.	1½ in. 48/9	1¾ in 51/6	2 in thick 53/- each
Half Sets for wall, for 1 in wood			37/9 each

	For Woodwork	
S 2.—Extra Strong Set of Ironwork for Stall Division, consisting of post 5 in diameter, ramp, and sill	1½ in. 52,6	2 in thick 57/6 each
Half Sets for wall, for 1 in wood		38/- each
Sliding Barrier, and sheath and fixing plate for wall		36/- extra

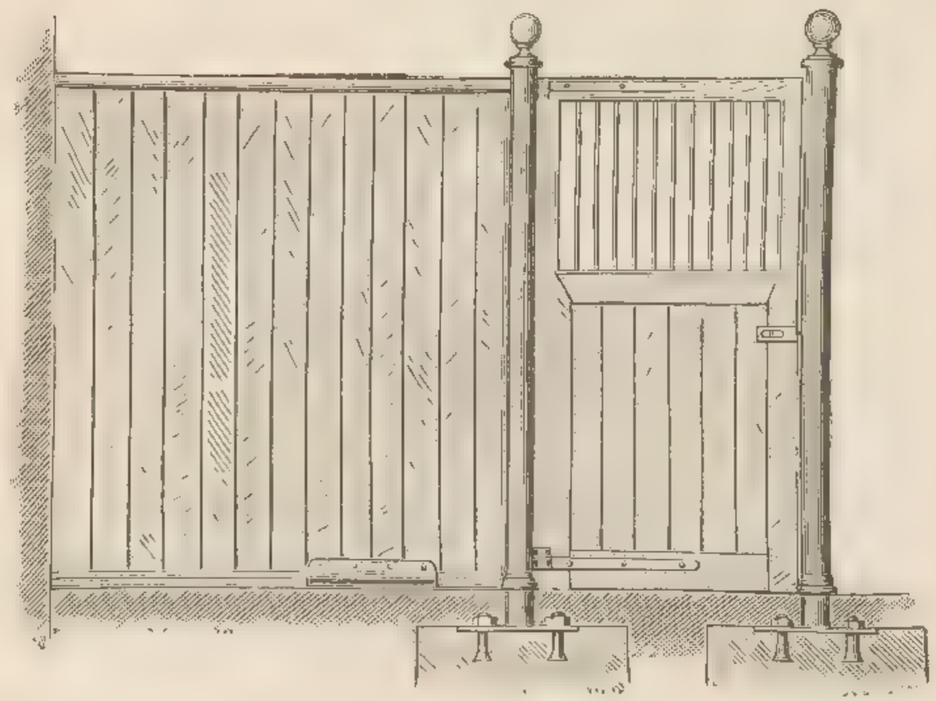
S 3.—Strong Set of Ironwork for Stall Division, consisting of post 5 in diameter in lower part continued to the ceiling to support beam 9 ft high, ramp and sill, for woodwork 1½ in thick	63/- each
Half Sets for wall	47/6 each
Revolving Bracket on post	10/- extra
Posts above 9 ft	6d per inch extra

Prices of all Sets include improved shifting piece to enable woodwork to be replaced when injured, also two iron rings for pillar chains to stall posts, and are fitted ready for erection.

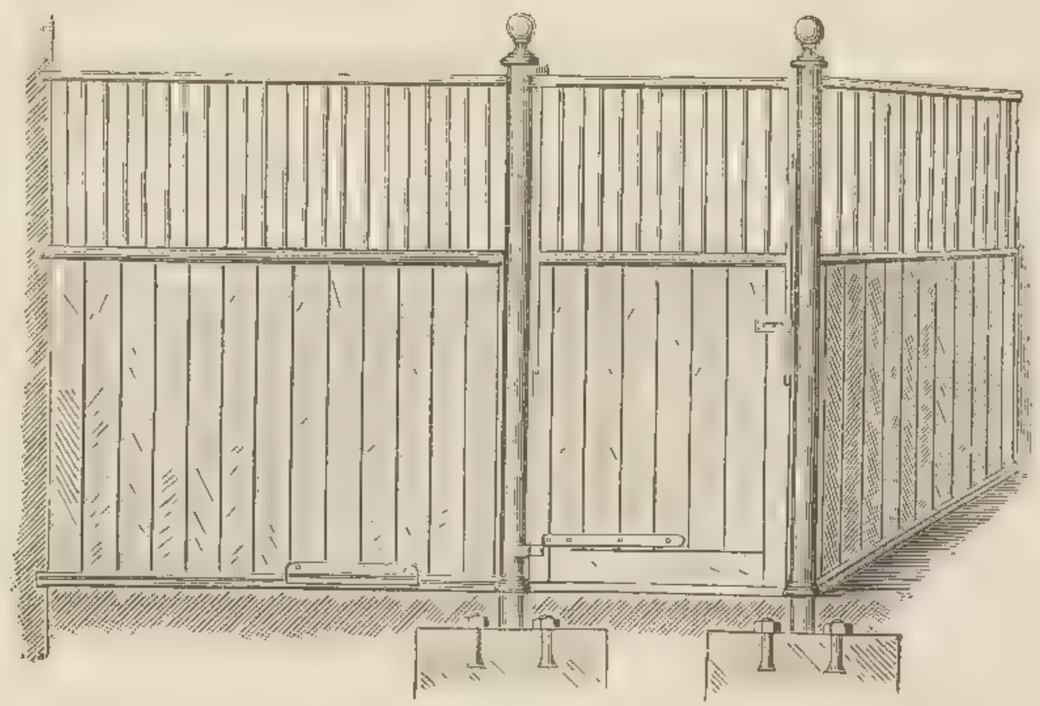
Brass Pillar Rings, 4/3 each extra, ditto, with Brass Shields, 5/ each extra, Bolts and Nuts for fixing Posts, 3d each extra; Sockets fitted to posts to receive loose Wood Barriers, 4/6 per Socket extra

Further details will be sent on receipt of requirements.

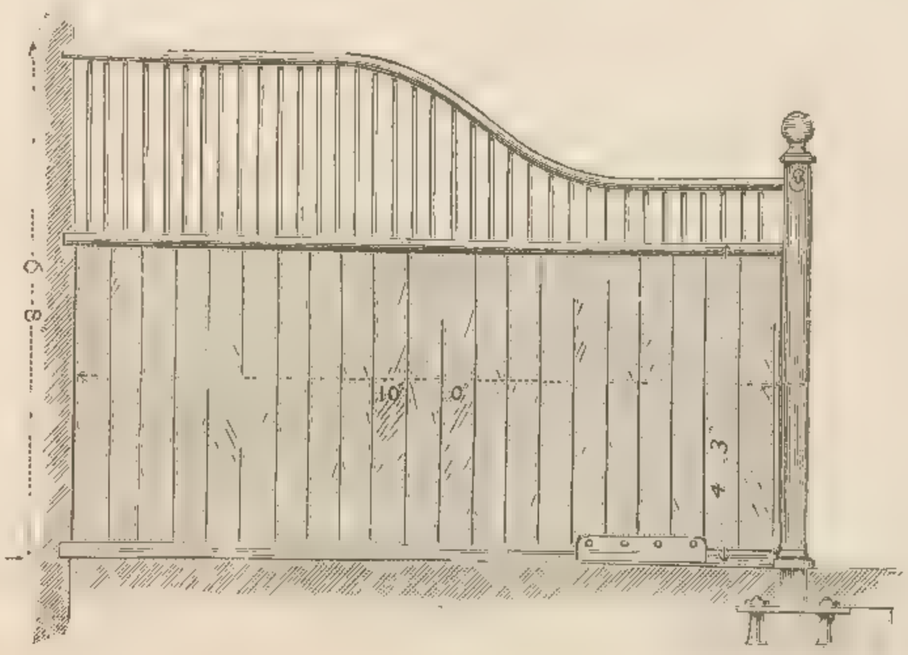
STALL AND LOOSE BOX DIVISIONS.



S 6.



S 8.



S 7

S 6. Ironwork for all Wood Loose Box Division

Post 4½ in. diameter, with plain or fancy head	33/6 each
Top rail 10 ft. long from wall over post	14/- ,,
Sill ditto ditto	10/- ,,
Capping for wall lining for 1 in. wood	1/2 per foot
Half Sill for ditto	1/1 ,,
Mitre Joints in ditto	1/3 each extra
Half Loose Box Post	22/9 each
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges, bolts and nuts, and flush bolt, including fitting to post	30/-

S 7.—Strong Set of Ironwork for Stall, consisting of Ventilating Division, composed of ⅝ in. wrought bars, 3 in. centres, post 4½ in. diameter, either with plain or fancy head, fitted with two rings for pillar chains, and sill, with division 30 in. high ... . — 92/6

Ditto ditto division 24 in. high ... ... — 84/-

Drawing represents the 30 in. Division

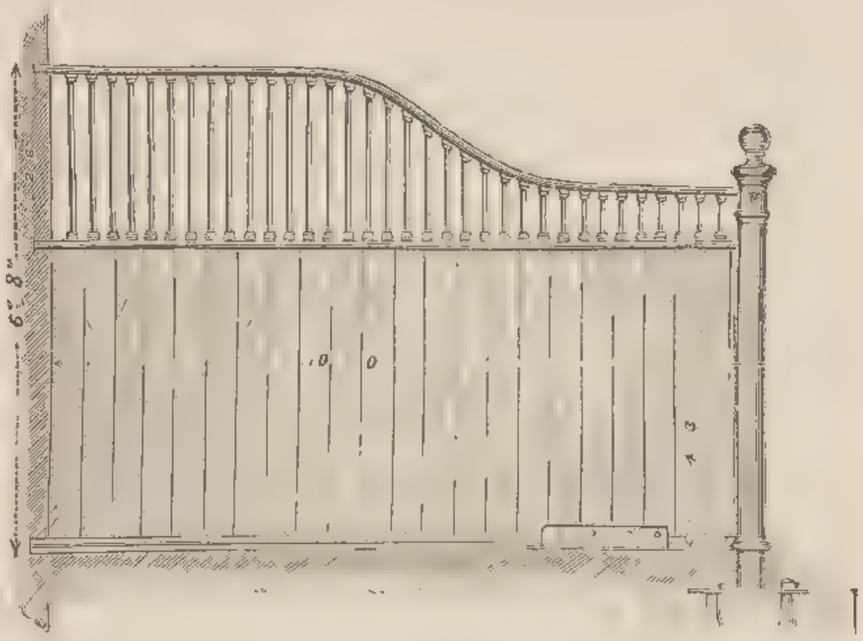
S 8.—Loose Box Ironwork

Ventilating Division, composed of ⅝ in. wrought iron bars, 3 in. centres, with cast top and middle rails, 10 ft. long over post, 24 in. deep, 59/6; 30 in. deep, 65/-; 36 in. deep, 69/6 each.

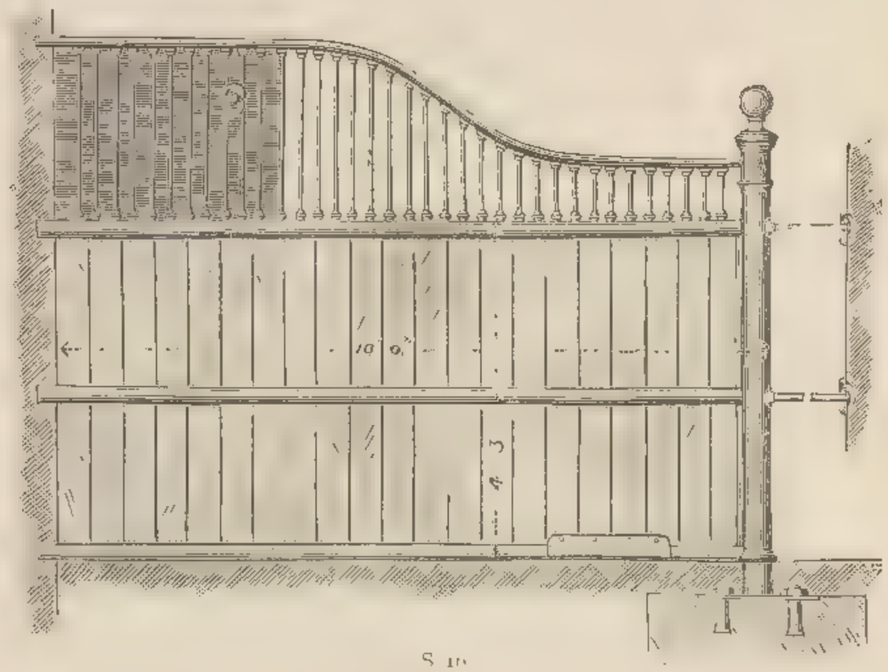
Post 4½ in. diameter, with plain or ornamental head for 24 in. or 30 in. division	36/9 each
Ditto for 36 in. division	37/
Sill	10/
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges, flush bolt, and fitting to post, 24 in. high	67/6
Ditto ditto 30 in. high	71/6
Ditto ditto 36 in. high	75/-
Extra if side strips are made full length of door and carried under bottom	10/-

Prices of all Sills include shifting pieces, and all prices include fitting ready for erection to suit 1½ in. woodwork. Brass rings to Post, + 3 each extra; ditto and Shields, 5 each extra. Bolts and Nuts for Posts, 3d. each extra. Further details will be sent on receipt of requirements.

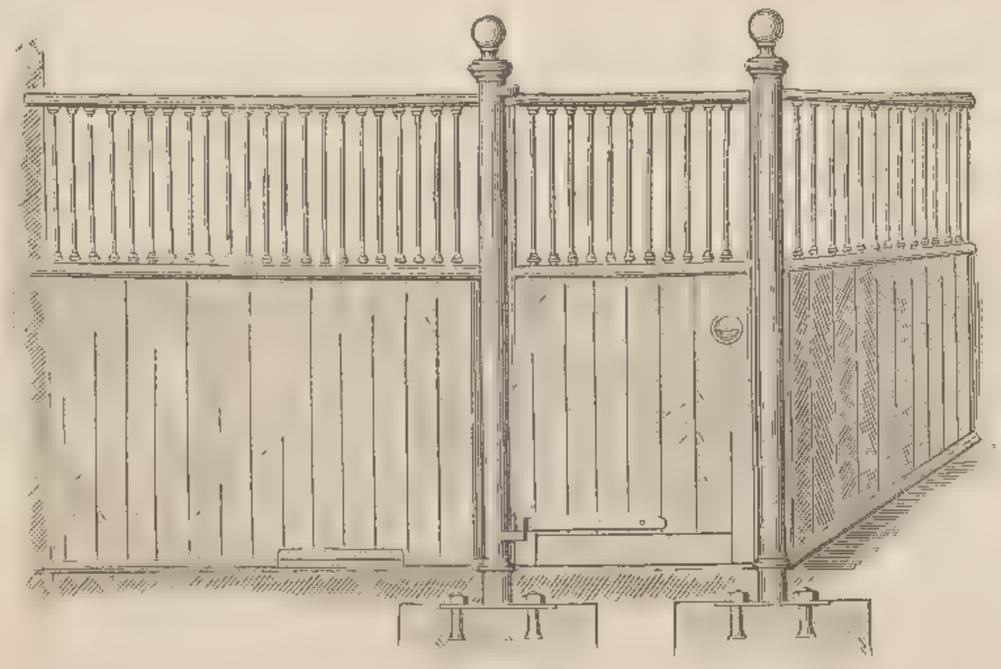
STALL AND LOOSE BOX DIVISIONS.



S 14



S 15



S 16

S 14 Extra Strong Set of Ironwork for Stall, consisting of Ventilating Division composed of ⅝ in wrought bars 3 in centres with ornaments cast on, post 5 in diameter, and sill, to suit 1½ in. woodwork	102 6
Solid Head Plate, as illustration S 16	17/- extra
Single Sliding Barrier and Sheath	27/9
S 15 Strong Ventilating Division for Loose Box, composed of ⅝ in wrought iron bars, 3 in centres with cast ornaments and cast top and middle rails, 30 in deep, for 10 ft long over post, to suit 1½ in woodwork	75/-
Solid Head Plate	17/- extra.
Post 5 in diameter	38/6 each.
Sill	10/-
Set of Ironwork for Door, 3 ft 6 in wide, consisting of wrought iron ventilating panel hinges and latch with brass flush handles, including fitting to post ..	85/- per set
S 16 Extra Strong Set of Ironwork for Stall, consisting of Ventilating Division, composed of ⅝ in wrought iron bars, 3 in centres with ornaments cast on post 5 in diameter, solid head plate, two sliding barriers, and sill, to suit 1½ in woodwork	177/9

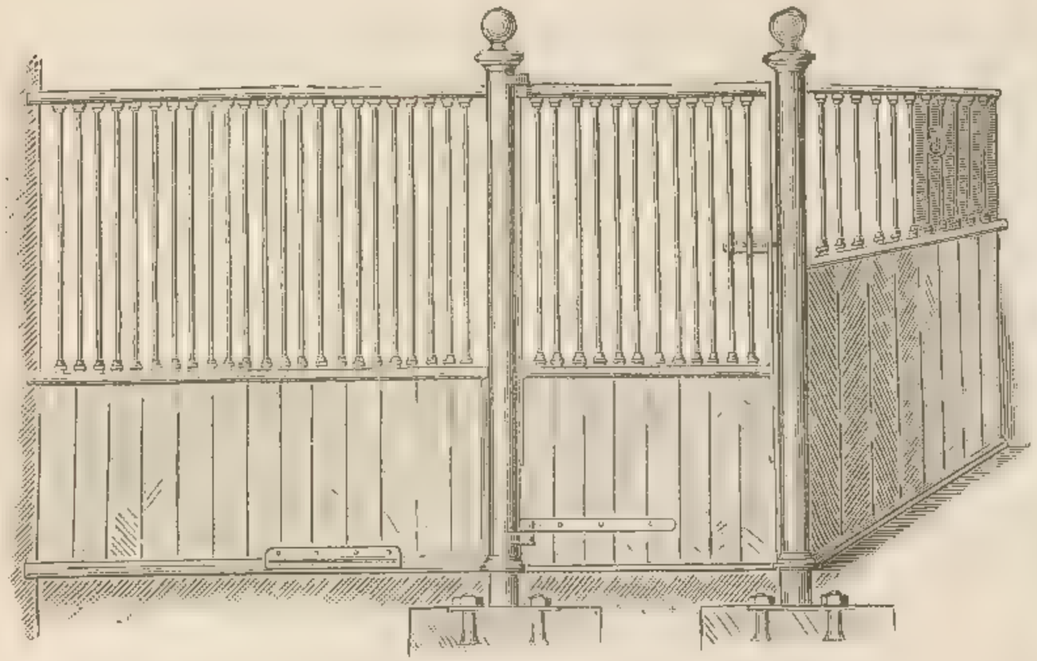
If without the second Sliding Barrier 27 6 less

Prices of all Sets include improved shifting piece to enable woodwork to be replaced when injured, also two iron rings for pillar chains to stall posts, and are fitted ready for erection

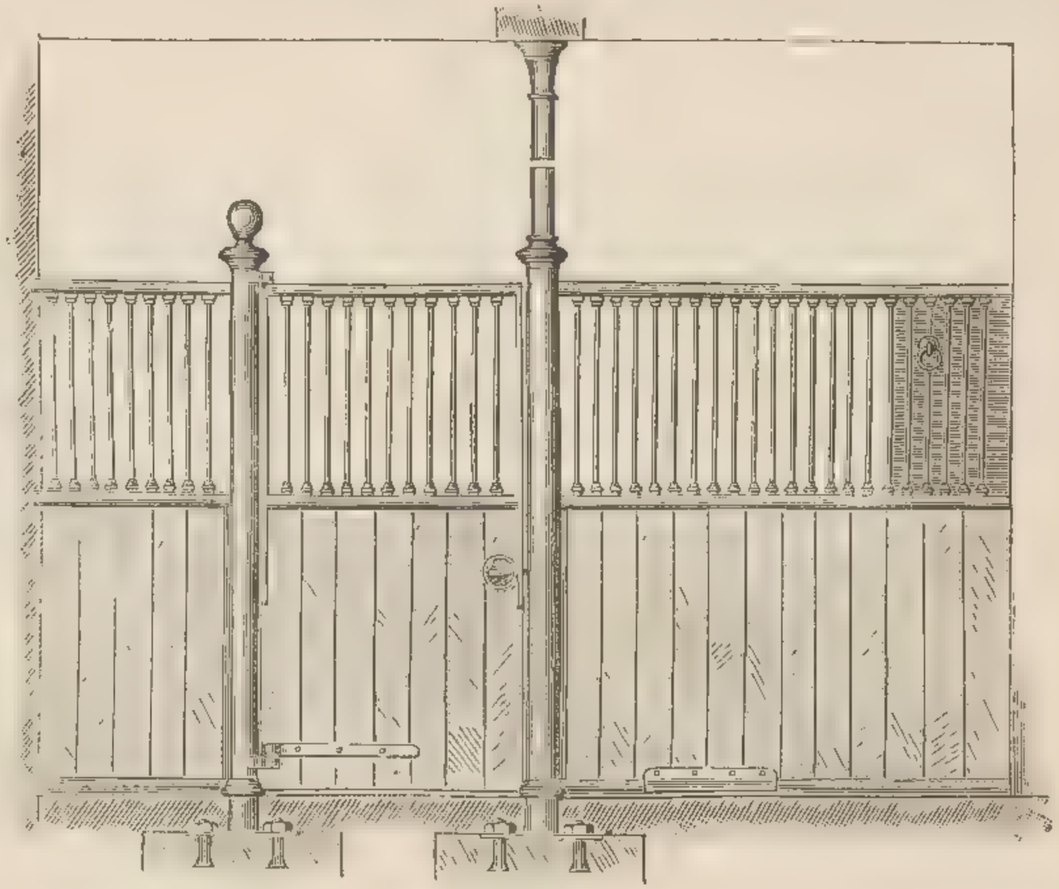
Brass Pillar Rings, 4/3 each extra; ditto with brass Shields, 5/- each extra, ditto for Division, 8/- each extra; Bolts and Nuts for fixing Posts 3d each extra

Further details will be sent on receipt of requirements.

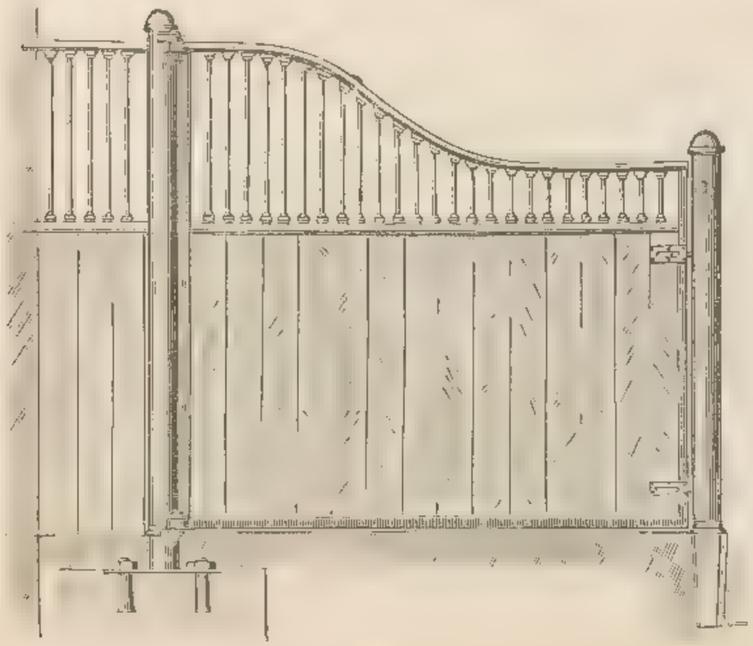
LOOSE BOX DIVISIONS.



S 20



S 21



S 22

S 20.—Extra Strong Ventilating Division 30 in. high for division between boxes, composed of ¾ in. wrought iron bars with cast ornaments, top and middle rails and sill, to suit 2 in. woodwork .. per ft £0 11 9
Extra for Solid Cast Iron Head Plate 0 17 0
Division 4 ft. deep for front of boxes per ft 0 17 6
Post 5 in diameter ... . .. each 2 4 0
Ditto, if prepared for door 2 8 6
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges and latch, 4 ft. deep, framing carried all round... 5 17 6

S 21.—Extra Strong Ventilating Division for Loose Box, composed of ¾ in wrought iron bars, with cast ornaments, and top and middle rails, and sill, 30 in high, to suit 2 in. woodwork ... . per ft 0 11 9
Ditto 36 in ditto per ft 0 14 0
Extra for Cast Iron Solid Head Plate, for 30 in 0 17 0
Ditto ditto ditto for 36 in 1 2 0
Post 5 in diameter, for 30 in ... ... each 2 4 0
Ditto ditto for 36 in ... ... each 2 6 0
Ditto, prepared for door, for 30 in 2 8 6
Ditto ditto for 36 in . .. 2 10 6

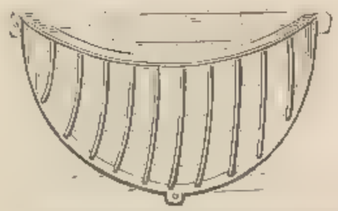
S 21—*continued*

Story Post 8 to 10 ft high 2 13 6
Story Post, if prepared for door £2 18 6
Set of Ironwork for Door, 3 ft 6 in wide, consisting of wrought iron ventilating panel, hinges and latch, to match 30 in high division, framing carried all round 5 2 6
Ditto ditto to match 36 in, high division 5 10 6

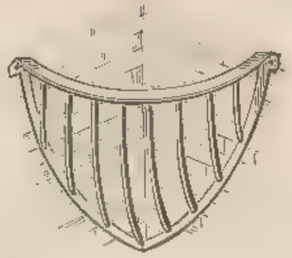
S 22.—Hinged Division, with movable post, for changing two stalls into a loose box, consisting of one fixed and one movable post with socket, one short length of fixed division and one set of ironwork for movable division and two slip bolts ... 11 7 6
A cheaper form of the above Hinged Division is made without the ventilating division at 8 0 0
Fitted ready for erection and to suit 1½ in woodwork.
Brass Ring to post ... . each, extra 0 4 3
Ditto ditto and shields 0 5 0
Ditto to division 0 8 0
Bolts and Nuts for fixing post ... .. each 0 0 3

Further details will be sent on receipt of requirements. All Sills have Improved Shifting Piece, to enable woodwork to be replaced when injured.

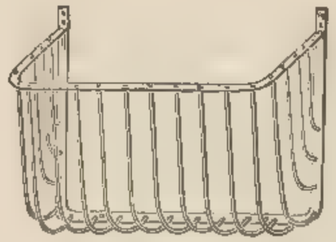
HAY RACKS, MANGERS AND WATER TROUGHS.



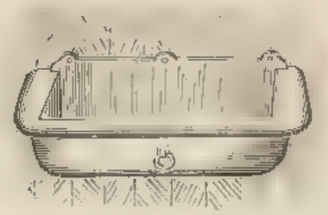
S 25 Circular Hay Rack for flat wall
Sizes 33 36 inch
Cast . . . . 6/- 6/6 each
Wrought . — 10/ ,,
, Galvanized — 12/6 ,,
Lighter Wrought (32 in) 7/6 ,,
,, Galvanized ,, 9/- ,,



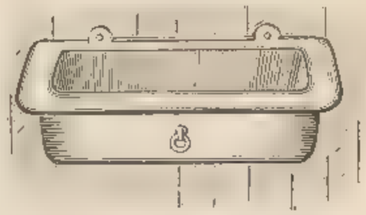
S 26 Corner Hay Rack
Size 33 inch
Cast . . . ... 6 each
Wrought . 10/- ,
, Galvanized ... 12/6 ,
Lighter Wrought (29 in) 7/6 ,,
,, Galvanized .. 9/- ,,



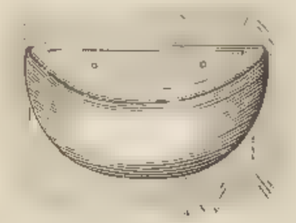
S 27 Strong Square Hay Rack, for flat wall
Size 33 inch
Wrought Iron 11/6 each
, Galvanized 15/ ,
Lighter Wrought (29 in) 9/
Galvanized ,, ,, 11/6 ,



S 29
Common Straight Manger, with ears for fixing, and halter ring
Sizes 30 36 inch
9/6 10/6 each

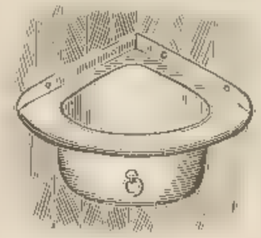


S 30
Improved Straight Manger, with ears for fixing, and halter ring
Sizes 36 48 inch
12/6 18/- each

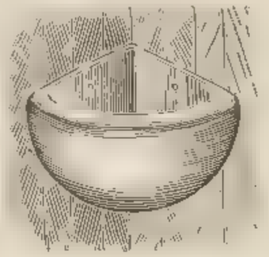


S 31 — Improved Pattern Straight Manger, with lip inside to prevent horse wasting food, and no projection on outside
Size 30 inch ... 18/- each

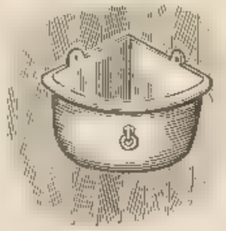
S 32 Common Corner Manger with screw holes for fixing, and halter ring
Size 27 inch ... 7/6 each



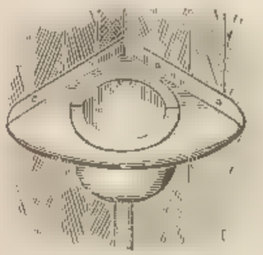
S 33 — Improved Pattern Corner Manger, with holes for fixing, and halter ring
Size 30 inch .. 10/6 each



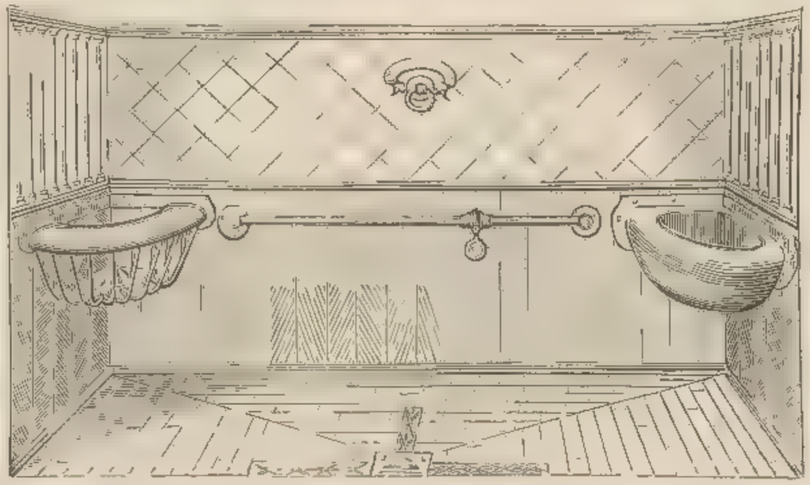
S 34 — Improved Pattern Corner Manger, with lip inside to prevent horse wasting food, and no projection on outside
Size 27 inch ... 14/- each
34 inch . . 19/6 ,



S 36 — Water Trough or Gruel Pot, with screw holes for fixing, and halter ring
Size 21½ inch ... 6/ each
If enamelled . 13/6 ,,

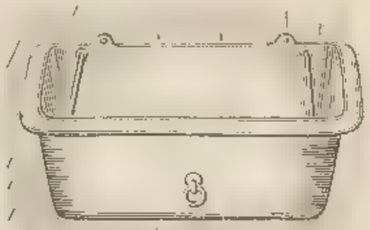


S 37 — Water Trough or Gruel Pot with tip up arrangement, waste chamber and pipe
20 - each
If enamelled . 28/6 each



S 38 Improved Angular Hay Rack, with broad capping at top, no projection of any kind whatever .. .. 35/- each
S 39 — Improved Angular Manger, with cased front, no projection of any kind whatever ... 30/
S 40 Improved Sliding Tying Bar, in bright iron, with ends for fixing and brass traveller 15/-

Prices and Samples of Tiles will be sent on application. Also for Enamelled Slate Slabs for heads of stalls

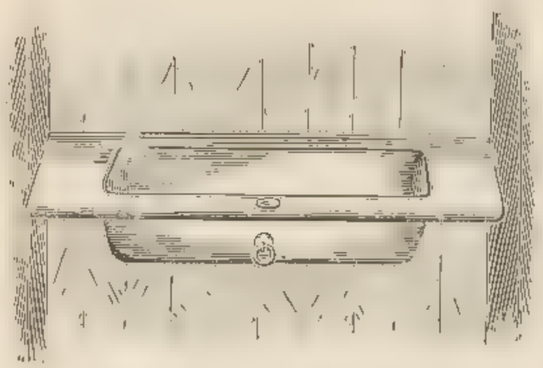


S 41 — Improved Cart Horse Manger, especially suitable when cut food is used, with two wrought bars to prevent waste
Size 3 ft 7 in . . .. 25/6 each

Scale ⅜ inch to 1 foot

Further details will be sent on receipt of requirements.

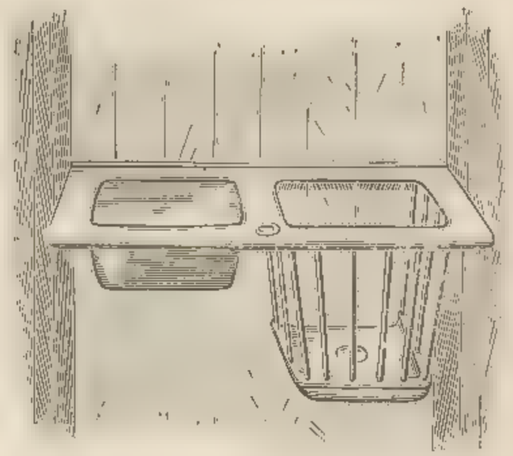
STALL MANGER SETS.



S 45.—Improved Manger, 6 ft. 5½ in. long, with bold moulded front edge, manger 4 ft 6 in long in the clear

Painted, 48/6 each Galvanizing ditto, 30/ extra

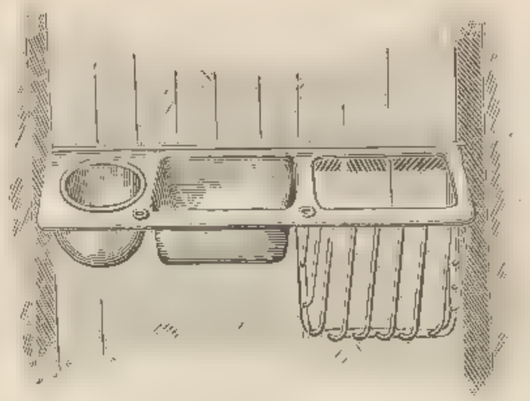
If fitted with two wrought iron bars to prevent waste of food, 3/ extra.



S 46—Strong Stall Manger Set, 6 ft long, either right or left hand, with manger, and hay rack with seed pan

Painted, 35/6 each Galvanizing ditto, 16/6 extra

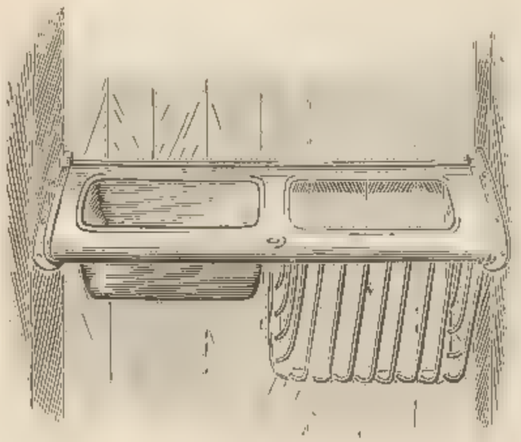
Enamelled manger, 16/6 extra



S 47 Strong Stall Manger Set, 6 ft long, with manger hay rack, and loose gruel pot

Painted, 38/6 each Galvanizing ditto, 20/- extra

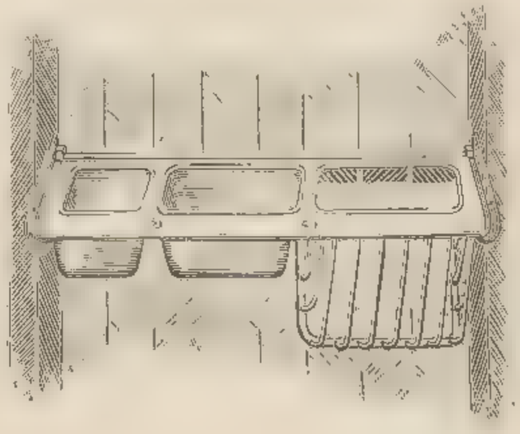
Enamelled manger, 16/6 extra Enamelled gruel pot, 7/6 extra



S 48—Strong Stall Manger Set 6 ft long, either right or left hand, with large manger and hay rack having bevelled edges, and bold moulded front edge

Painted, 44/6 each Galvanizing ditto, 20/ extra.

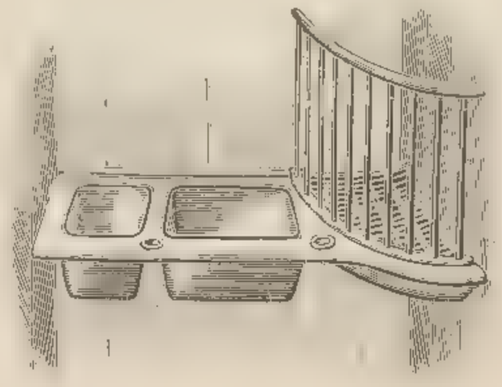
Enamelled manger, 18/6 extra.



S 49.—Strong Stall Manger Set, 6 ft long either right or left hand, with manger, hay rack and gruel pot with cast plug bevelled edges, and bold moulded front edge

Painted, 44/6 each Galvanizing ditto, 20/ extra

Enamelled manger, 15/6 extra Enamelled gruel pot, 7/6 extra.



S 50—Strong Stall Manger Set, 6 ft long, either right or left hand, with raised hay rack, seed pan, manger, and gruel pot

Painted, 50/- each Galvanizing ditto, 25/- extra

Enamelled manger, 16/6 extra Enamelled gruel pot, 7/6 extra

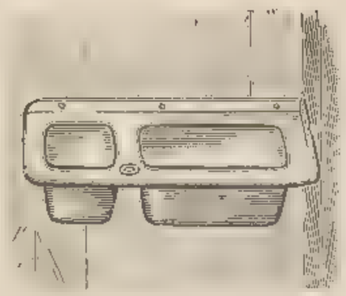
If with tip-up gruel pot, waste chamber and pipe, 17/6 extra

EXTRAS—Shoes for fixing either S 48 or S 49 Manger Sets, 2/6 per pair; Galvanized, 3/6 per pair. Brass Bushed Eyelet Hole, 1/10 per hole; Set of Double Pulleys to carry halter weights as shown on page 229, 5/- per hole Brass Plug and Washer, with union for connecting with pipe 7/9 each

Scale ⅜ in to 1 foot

Further details will be sent on receipt of requirements.

LOOSE BOX MANGER SETS.



S 54 Manger and Gruel pot, either right or left hand, 3 ft. 10½ in long, with halter hole

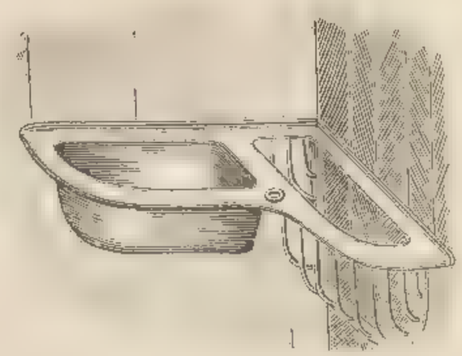
Painted, 25/ each

Galvanizing ditto, 13 6 extra

S 55. Loose Box Manger Set, 3 ft. 10½ in. long, either right or left hand, with cast hay rack, and halter ring

Painted, 35/- each. Ditto, with wrought hay rack, 42 6 each.

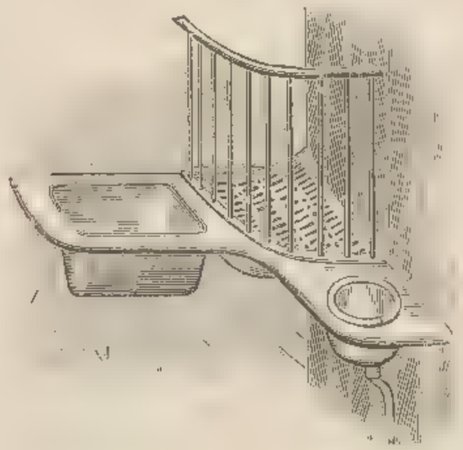
Galvanizing ditto, 23/- extra



S 56. Strong Loose Box Manger Set, 4 ft. 1 in. × 2 ft 10½ in., either right or left hand, with manger and hay rack

Painted, 41,6 each

Galvanizing ditto, 16 6 extra. Enamelled Manger, 17,6 extra

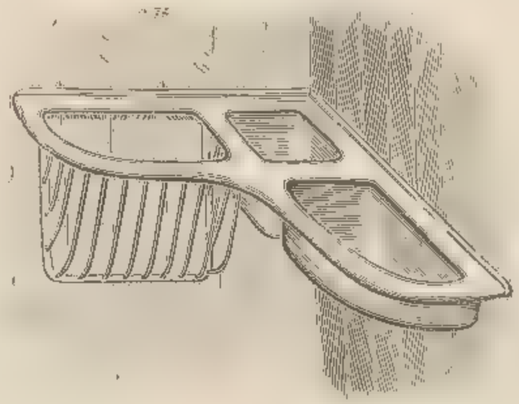


S 57.—Strong Loose Box Manger Set, 4 ft 2 in. × 3 ft. 10½ in., either right or left hand, with manger, hay rack, seed pan, and tip-up gruel pot.

Painted, 68 6 each Galvanizing ditto, 30/- extra

Enamelled manger, 15/6 extra Ditto, gruel pot, 7/6 extra.

If gruel pot in the usual way (not to tip up), painted, 52/6 each

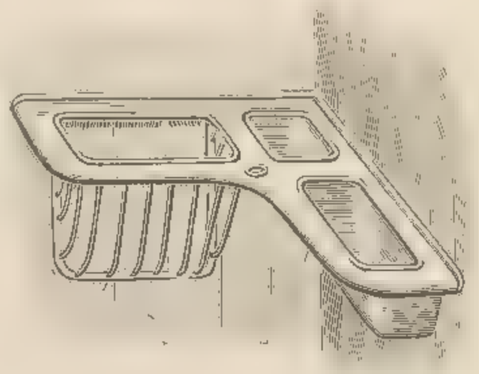


S 58.—Strong Loose Box Manger Set, 4 ft. 1 in × 4 ft 1 in., either right or left hand, with manger, hay rack, and gruel pot

Painted, 45/9 each. Galvanizing ditto, 23 - extra

Enamelled manger, 17,6 extra Enamelled gruel pot, 7 6 extra

If with tip-up gruel pot, waste chamber, and pipe, 17/6 extra



S 59.—Strong Loose Box Manger Set, 4 ft 4 in × 4 ft 4 in., either right or left hand, with manger, hay rack, and gruel pot, bevelled edges, and bold moulded front edge.

Painted, 52 6 each. Galvanizing ditto, 23, extra

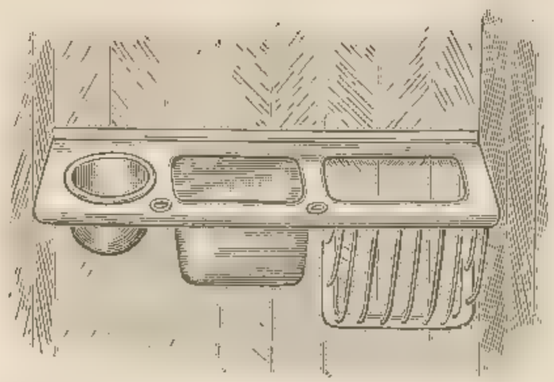
Enamelled manger, 17,6 extra Enamelled gruel pot, 7,6 extra.

EXTRAS—Brass Bushed Eyelet Hole, 1/10 per hole. Set of Double Pulleys to carry halter weights, as shown on page 229 5/- per hole.
Brass Plug and Washer, with Union for connecting with pipe, 7/9 each

Scale, ⅛ inch to 1 foot

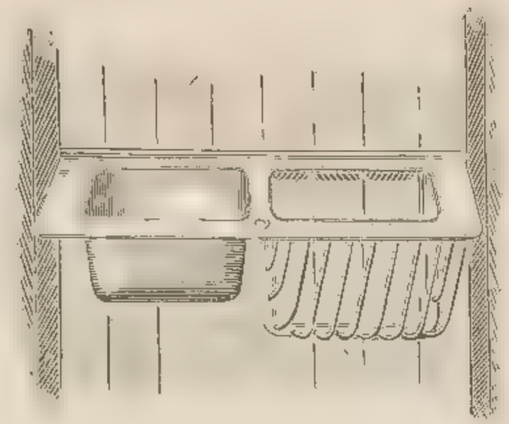
Further details will be sent on receipt of requirements.

STALL AND LOOSE BOX MANGER SETS.



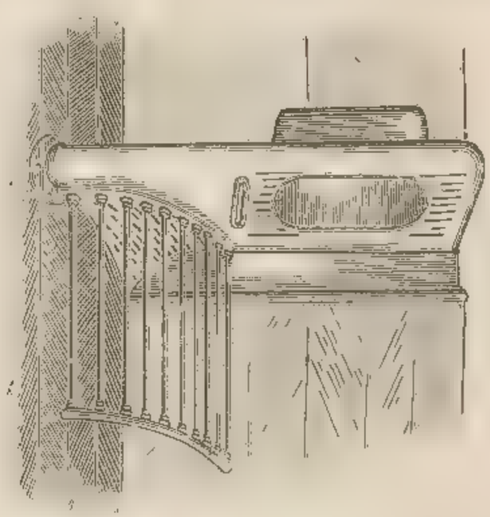
S 63.—Strong Stall Manger Set, 6 ft. long either right or left hand with extra deep manger, and solid roll front edge

Painted .. . £2 10 0 each



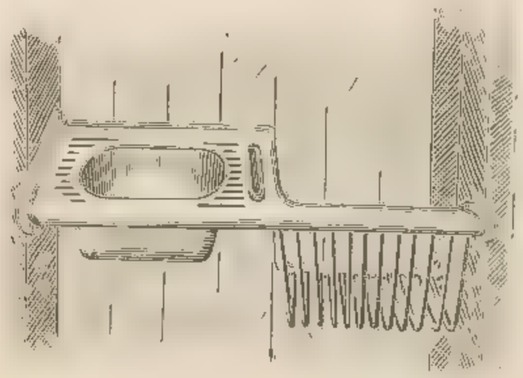
S 64.—Strong Stall Manger Set, 6 ft long, either right or left hand, with extra deep manger, and solid roll front edge.

Painted ... ... £2 5 9 each



S 65.—Improved Extra Strong Loose Box Manger Set, 6 ft long, either right or left hand, with very bold rounded front edge, and slots for halter chain, ⅝ in wrought bars in raised hay rack, shoes for fixing, skirting at back

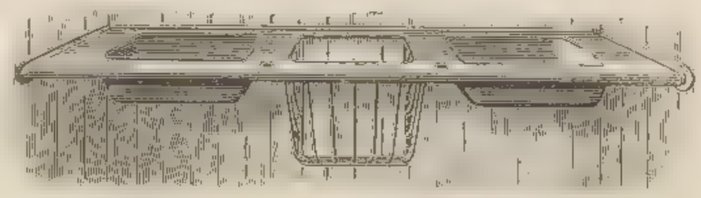
Painted £4 1 6 each



S 66 Improved Extra Strong Stall Manger Set, 6 ft long either right or left hand, with bold rounded front edge, and slots for halter chain, ¾ in bars in rack, and shoes for fixing

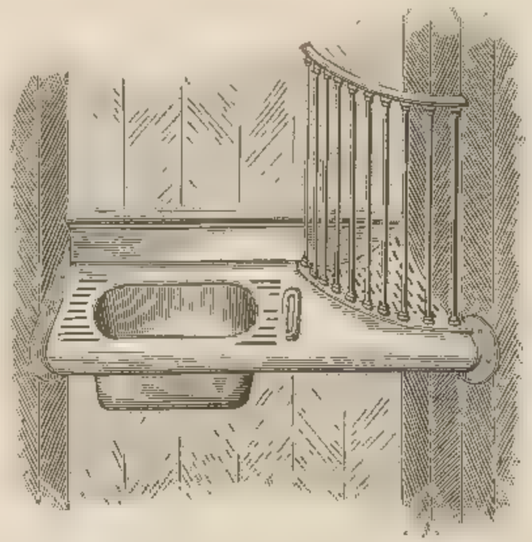
Painted ... . £2 12 6 each

Also made for Loose Box, with one corner rounded, 50/- each



S 3651 Strong Stall Manger Set, 9 ft long with two mangers and hay rack

£2 17 6 each



S 69.—Improved Extra Strong Stall Manger Set, 6 ft long, either right or left hand, with bold rounded front edge, and slots for halter chain, ⅝ in wrought bars in hay rack, shoes for fixing, skirting at back.

Painted ... .. £4 5 0 each

EXTRAS.—Brass Bushed Eyelet Hole, 1/10 per hole, Set of Double Pulleys to carry halter weights, as shewn on page 229, 5/- per hole; Brass Plug and Washer, with Union for connecting pipe, 7/9 each. Galvanizing Manger Sets, from 25/- extra Enamelling Mangers, 21/- extra, Enamelling Gruel Pots, 7/6 extra

Scale- ⅝ inch to 1 foot

Further details will be sent on receipt of requirements.

STABLE GUTTERS, CATTLE TROUGHS, &c.

S 74 —Strong Stable Gutter 4½ in wide, with loose cover to lift off for cleaning, in lengths

	2ft 4in.	3ft 4in	4ft 4in	5ft 4in	6ft long over all
Price	6 9	8/6	10 9	12/	14/ each

Stop Ends cast in 7½d extra

S 75 —Tee Piece, For Stable Gutter, either right or left hand

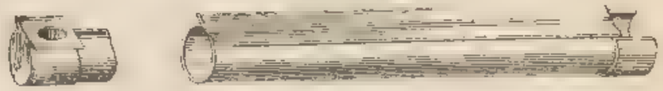
(above represents a right hand)

Price, 6 9 each

S 76 —Angle for Stable Gutter, either right or left hand

(above represents a left hand)

Price 5 3 each



S [illegible] Steel Gutter

	3	3½	4	4½ inch
2 ft lengths .. .	3/3	3 3	3/6	4/6 each
3 ft ,, . .	3/9	4/9	5/3	6/
4 ft	4 9	5/9	6/	8/- ,,
6 ft. ,, . .	6 6	8/	8/3	10/9 ,
Angles for ditto .	2/7	3/3	4/3	5/3 ,
Tee Pieces for ditto	3/2	4/3	5/3	6/6 ,
Drop Stop Ends for ditto	1/6	2, 2	2/10	3/3 ,

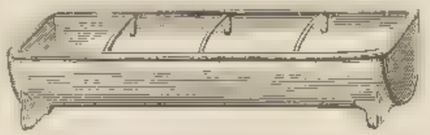
S 80 —Horse Pot.

S 81.—Mare Pot

Trapped Horse or Mare Pots, with loose inside grating

Sizes	8	9	10 inch
	4	4/-	5/ each
Ditto, with extra strong grating	4/-	4/6	5/9 ,,
Ditto with wrought iron grating .	6/-	7/-	9 6 ,

Inlet Sockets cast on Horse Pots to receive end of Gutter, 1/3 each Socket extra.



S 82 —Cast Iron Round Bottom Pig Trough, with flat lip, wrought divisions, and rings at end

Length 1 ft to 12 ft, rising by 6 inches

10 in wide, 2/3 per foot; 12 in wide 2 6 per foot

S 3652 Galvanized Wrought Iron Pig Trough

8 in wide, 5 in. deep

2	3	4	5	6	7	8	9 feet long
4/3	5/3	6/3	7/3	8 6	9/6	10 6	11/6 each

10 in. wide, 5½ in deep

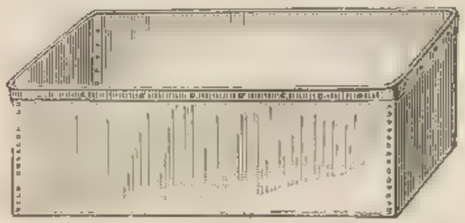
2	3	4	5	6	7	8	9 feet long
5/6	6/6	7/6	8 6	9 6	10/6	11/6	12/6 each

12 in wide 6¾ in deep

2	3	4	5	6	7	8	9 feet long
5/9	6/9	8/6	9/6	10/6	11,6	12/6	13/6 each

S 85 —Pig Trough Feeder.

No. 1, 10 9 each; No. 2, 14/- each.



S [illegible] Galvanized Wrought Iron Cattle Trough, with strong safe edge angle iron top 18 in. wide 14 in deep

Length.	Strong Galvanized.	Strong Painted	12 Gauge. Galvanized.	12 Gauge. Painted	¼ Pipe Galvanized.	¼ Pipe Painted
3 feet ..	25 ...	20/- .	34/- ..	24/ .	38/ ...	27/- each
4 ,, ..	30 - .	23/-	43/- .	30/- ..	48/- ...	33/6 ,
5 , ..	36/-	27/-	52 - ..	36/- ...	58/ .	40/- ,,
6 ,, .	42/ .	31/- ...	61/	42/ ...	68/ .	46/6 ,,
7 , ..	49/- ..	36,	70/- ..	48/- .	78/	53 -
8 ,,	55/ ..	42/- .	80, ..	54/	88/- ..	59 6 ,

Fitted with Plug and Chain, 4/ extra; with ½ in Ring 3 in diameter at each end, 2/6 extra; with four 6 in Cast Iron Wheels and Wrought Axles, 14/- extra

S 90 —Circular Ceiling Ventilator, to open and shut with key fitted with hood, pipe, and cowl to carry off the impure air from Stables without down draught

Price, with Hood and 6 in Exhaust Ventilator, 25/ each

Galvanized Wrought Iron Pipe for ditto, 1/6 per ft

S 83

Strong Stable Grating and Frame

Size	6	7	8	9	10	12 in
Price	1/6	2/	2/6	3/-	3 6	4, 9 each.

S 84

Strong Hinged Stable Grating and Frame

9½ in square on the top

Price, 4 6 each

S [illegible]

Cast Iron Cattle Trough, Painted one coat, 18 in wide, 14 in deep

Length	2 ft	2 ft 6 in	3 ft	3 ft 6 in	4 ft
Price	16,-	17/6	21/	22 6	30, 6 each

4 ft 6 in	5 ft.	6 ft	7 ft
33/6	36/9	40/	48, - each

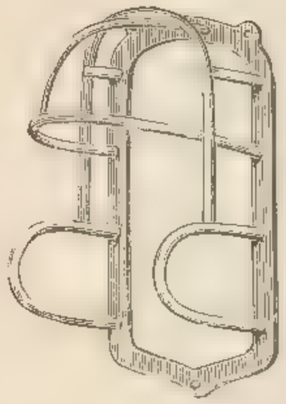
A variety of other sizes are also made

When several of a size are required special price will be quoted

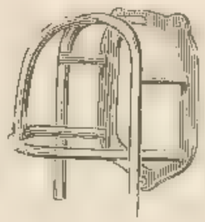
Further details will be sent on receipt of requirements.

IMPROVED VENTILATING HARNESS BRACKETS.

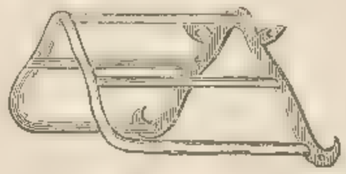
JAPANNED ANY COLOR, OR GALVANIZED. KEPT IN STOCK, JAPANNED SCARLET.



S 95
Driving Bridle Bracket
4/3 each



S 96
Driving Bridle Bracket,
2/8 each



S 97
Pad Bracket, for single harness
3/8 each

S 98.
Harness Cleaning Hook,
6 9 each.

S 99—Telescope Harness Cleaning Hook,
12/- each
Ditto, if covered with Leather ... 18/6 each
Length when up, 3 ft 6 in
" extended, 5 ft

S 100
Collar Bracket
3 6 each

S 101
Pad Bracket for double harness,
1/8 each

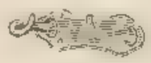
S 102
Riding Bridle Bracket,
1/6 each

S 103
Rein and Crupper Holder,
7d each

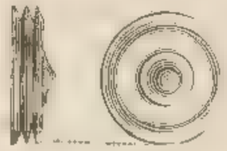
S 104
Bit and Stirrup Holder,
6d each

S 105
Girth Hook,
3d. each.

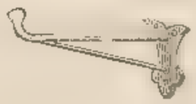
S 106
Brass Curb Hook, with
japanned rose,
4d. each



S 107
Fork, Broom and
Shovel Holder,
6d each

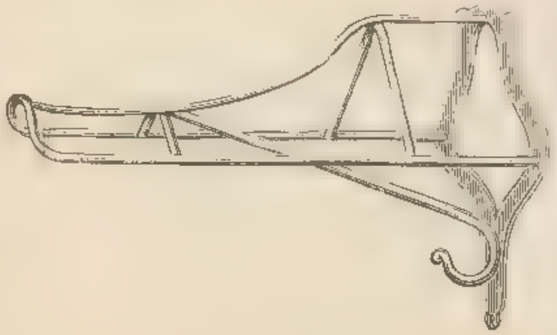


S 108
Mahogany Whip Holder
For one whip ... 10d each.
For two whips ... 1/- "

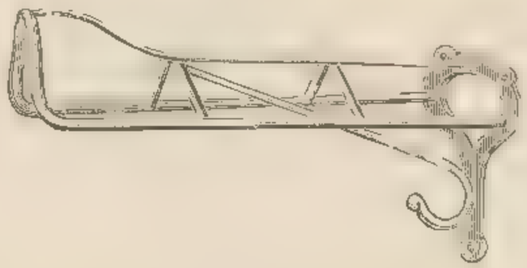


S 109
Harness Bracket
Sizes ... 6 8 inch
7d 9d each

S 110
Bridle Hook
7d each

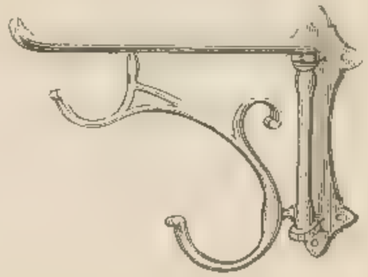


S 111
Gentlemen's Saddle Bracket,
4/3 each



S 112
Ladies' Saddle Bracket
5/- each

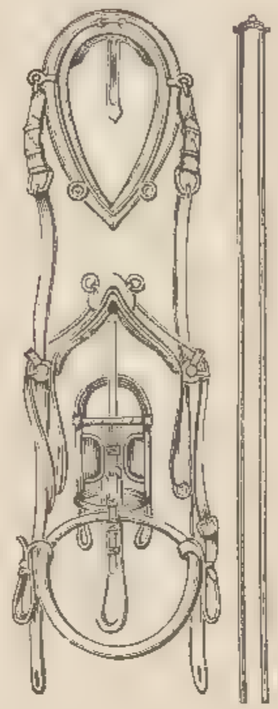
S 113
Harness Bracket, malleable.
Sizes .. 8 10 12 inch.
1/4 1/6 1/8 each
Cast iron ditto, painted, 12 in x 12 in , 1/2 each.



S 114.
Swing Bracket
Sizes . 9 12 16 inch
3/3 4/3 4 9 each

Further details will be sent on receipt of requirements.

METHODS FOR HANGING SETS OF HARNESS.

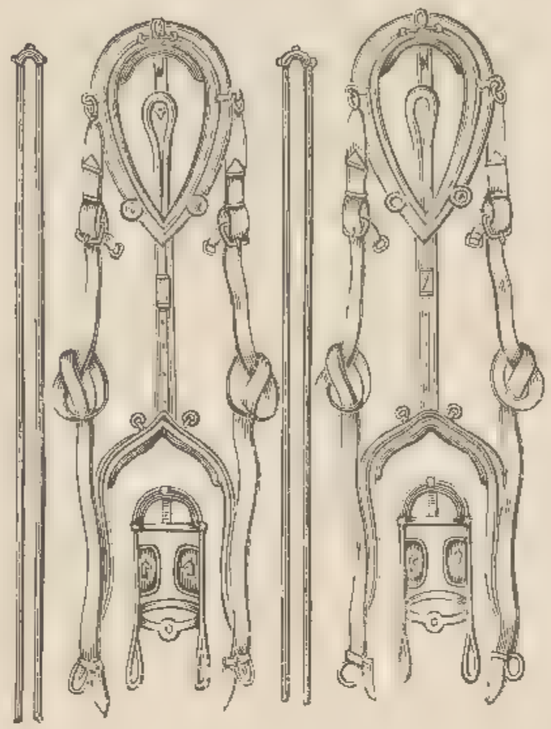


S 120.—Set of Single Driving Harness

Set of Ventilating Brackets, japanned scarlet to fix as above, consisting of one Bridle Bracket (No 96), one Pad Bracket (No 97), one Collar Bracket, and two Rein Holders

Price, 11/- each

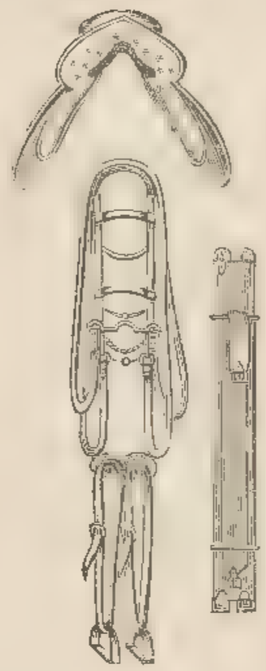
Space required, about 8 ft × 2 ft wide



S 121.—Set of Double Driving Harness

Set of Ventilating Brackets, japanned scarlet, to fix as above consisting of two Bridle Brackets (No. 96), two Pad Brackets (No 101), two Collar Brackets two Rein Holders, and two Crupper Holders. Price, 18/ each

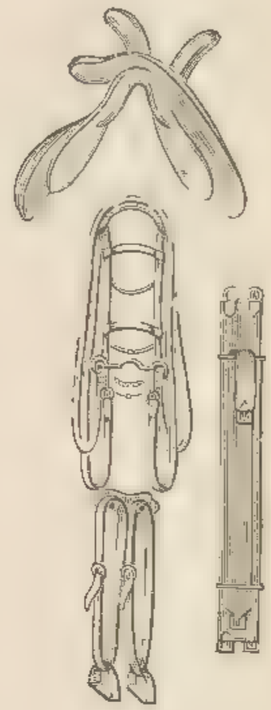
Space required about 8 ft × 4 ft. wide



S 122.—Set of Gentleman's Riding Harness

Set of Ventilating Brackets japanned scarlet, to fix as above, consisting of one Saddle Bracket, one Riding Bridle Bracket, one Stirrup Holder, two Girth Hooks

Price 6 9 each

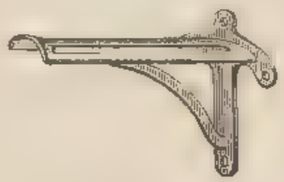


S 123.—Set of Lady's Riding Harness.

Set of Ventilating Brackets, japanned scarlet to fix as above, consisting of one Saddle Bracket, one Riding Bridle Bracket one Stirrup Holder two Girth Hooks

Price, 7/6 each

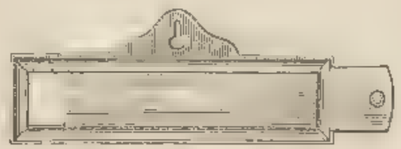
HOSE BRACKET.



S 125

Size 8 in.

Japanned black, price 2/ each

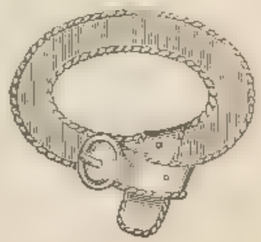


S 126

With plate to slide, japanned any colour

Price 2/9 each. Lettering, extra

NAME PLATES



S 127

Japanned any colour price 2/- each

Lettering, extra

S 128

Price 7/6 each

Painting and Lettering extra.

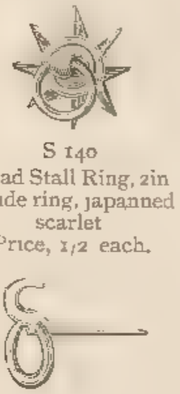
Further details will be sent on receipt of requirements

STABLE FITTINGS.

S 130.
Flat Halter Weight for leather strap
Price, 1/- each.
Ditto covered with leather, 3/9 each

S 131.
Halter Ball,
Size 2lb. 3lb
Price 6d 8d each
Ditto in wood (lignum vitæ) 9d each

S 141
Brass Head Stall Ring
Price, 5/- each
Ditto, with bolt to go through wall as S133
Price, 7/- each

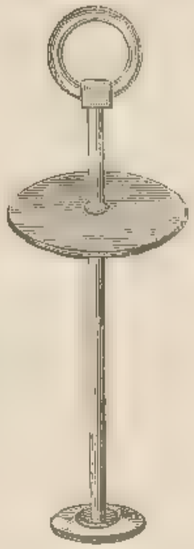


S 140
Head Stall Ring, 2in inside ring, japanned scarlet
Price, 1/2 each.

S 143
Bridle Hook, with ring, to screw, japanned scarlet, or galvanized,
Price, 1/ each

S 142.
Bridle Hook, for wall, with ring, galvanized
Price, 5d each

S 132.
Wrought Tying Bar or Shuttle, for fixing to woodwork
20 in long, 15/- doz., 1/6 each.
Made to any length required at proportionate price



S 133
Head Stall Ring, with bolt to pass through wall and plate for painting name on
Price, 4/- each.

S 134.
Three Chain Cow Tie Price, medium strength, 9/9 per doz 11½d each
Extra strong for bullocks, price according to size

S 135.
Cow Tie, with ring 5 inch diameter, to slide on wood posts
Price, medium strength, 9/6 per doz., 10½d each.
Small ring ditto for iron bar, medium strength, 9/6 per doz., 10½d each
Extra strong for bullocks, price according to size

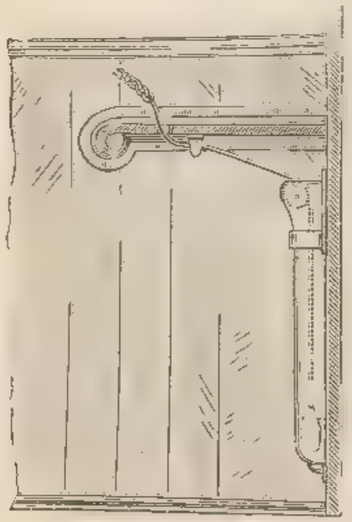
S 136.
Pillar Chain, 3 feet long, with one spring hook
Japanned, price 1/- each
Galvanized ,, 1/4
Ditto, with two spring hooks
Japanned, price 1/2 each
Galvanized ,, 1/6 ,,
Brass, without swivel, price 4/- each

S 137 Rack Chain
3 ft 4 ft 6 in
Japanned 1/- 1/4 each
Galvanized 1/2 1/

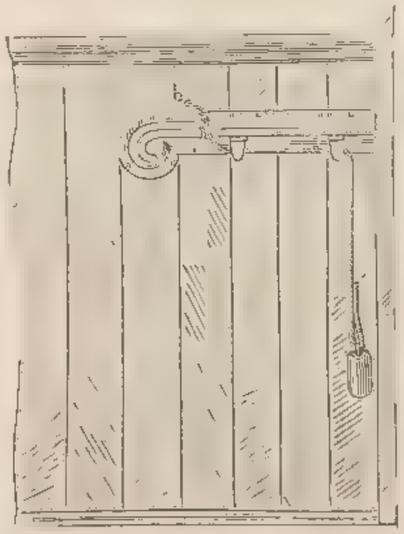
S 138 S 139

S 138 -Manger chain, 4 ft 6 in long, with spring hook
Japanned, price 1/2 each.
Galvanized ,, 1/8 ,,

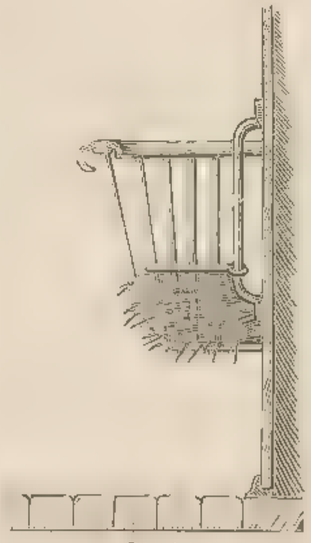
S 139 —Leather Manger Strap with bright chain at end and spring hook.
Price, 4/- each



S 144
Improved Noiseless Tying Apparatus, for fixing below the manger, price with leather strap with chain end and weight complete, 17/6 per set
Also made to fix at side of manger against partition



S 145.
Double Pulleys, to carry halter weight, works noiselessly, having boxwood rollers,
Price, 5/- per set.
Flat Iron Weight, 1/ each
Ditto, covered with leather, 3/9 each
Leather Strap and Chain, 4/ each



S 146
Improved Sliding Hay Grid for preventing waste of food Price, 15/ each

Can be fitted to nearly any manger having low hay rack

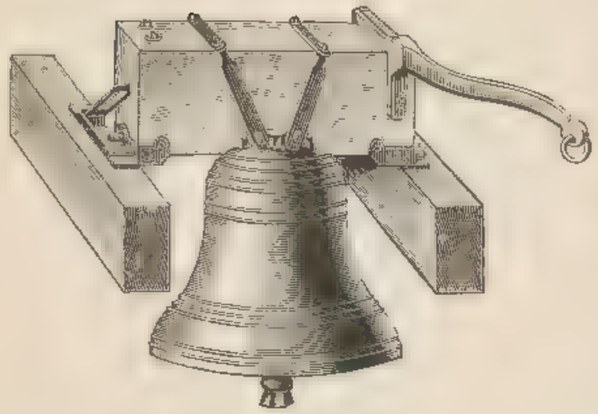
S 147.
Galvanized Wrought Iron Sponge and Brush Rack.

Price, 6/6 each

Further details will be sent on receipt of requirements.

BELLS, CARRIAGE JACKS, &c.

SCHOOL, DINNER, OR ALARM BELLS.



S 3653

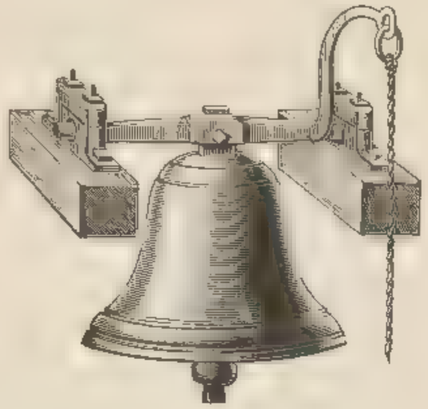
Hung with wood Stock and Cranked Iron Lever, improved turned Steel Gudgeons, Iron Slings, heavy Gun-metal Bearings in Cast Iron Shoes with hinged covers, and Bolts and Nuts for fixing

Best quality Bells, 1/3 per lb

Fittings for	12	13	14	15	16 in. bell
	30/-	34/-	37/6	39/-	40/6 per set

Weights of bells are about as follows

8	9	10	11	12	13	14	15	16	17	18	20 in
10	14	21	30	40	52	70	84	102	118	144	212 lbs



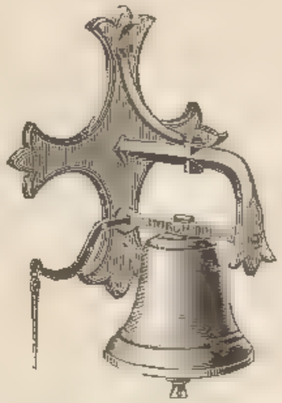
S 3654

Hung with Wrought Iron Stock and Cranked Lever, Cast Iron Journeys (Gun-metal Bearings), with long Pins and Nuts for fixing

Best quality bells, 1/3 per lb

Fittings for	8	9	10	11	12	13	14 in bell
	10/6	10/6	10/6	12/9	14/3	15/-	16/6 per set

Cheaper fittings also supplied without Gun-Metal bearings



S 3655

Hung in Cast Malleable Iron Frame for fixing against a building The above drawing represents the bell as rung from the outside but the axle may be so arranged that the bell can be rung from the inside of the building

Best quality bells, 1/3 per lb

Fittings for	10	11	12 in bell
	28/6	30/-	37/6 per set

To ring inside with extended axle through wall, 4/- extra and upwards.

In ordering, the thickness of the wall should be given so that bolts and nuts of a suitable length for fixing may be sent

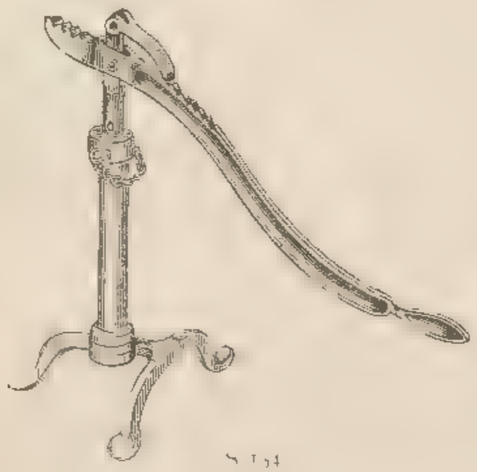
HARNESS CLEANING HORSE.

S 153

On wheels, iron frame wood top and one wood shelf, painted

Price, 33/- each

IMPROVED TELESCOPE CARRIAGE LIFTING JACK.

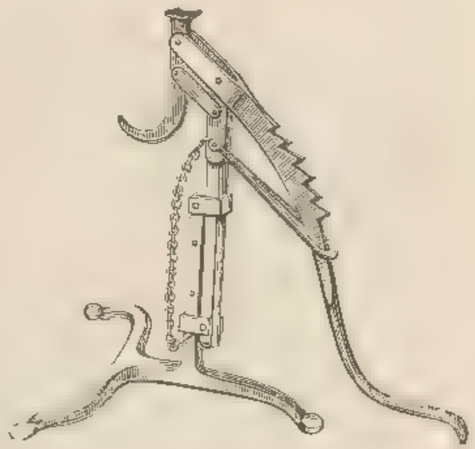


S 154

This Jack will lift a carriage, cart or wagon with the greatest ease, and is universally commended for its strength and lightness, being made entirely of wrought and malleable iron

No 1 —For light carriages	...	price 12/6 each
No 2 —For heavy ,,	..	,, 16/6 ,,
No 3 For extra heavy carriages		,, 21/- ,,

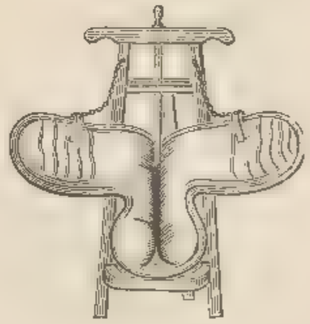
WROUGHT IRON CARRIAGE LIFTING JACK.



S 155

Nos	1	2	3
Price	12/6	12/9	14/6 each

OAK SADDLE AIRER.

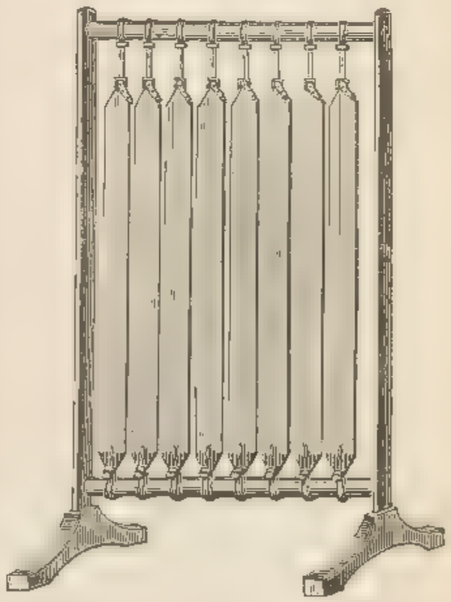


S 152

This is a useful portable stand for airing and drying saddles, firmly holding saddles in position without injury whilst being dried

Price 20/- each.

GIRTH STRETCHER.



S 157

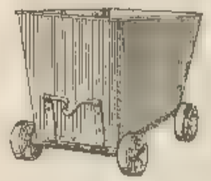
With galvanized hooks and leather straining straps.
Price, 22/6 each
Iron Girth Stretcher with straps, japanned black
Price, 7/- each
Ditto, ditto, scarlet, blue, or galvanized
Price, 9/- each

Further details will be sent on receipt of requirements.

GALVANIZED IRON EARTH CLOSET FITTINGS.

S 160 Scoop and Chain,
12/6 dozen
1/3 each

S 161 Ladle,
12/- dozen
1/2 each

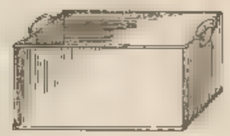


S 162 Tank on wheels, to remove either from the front (as drawn), back, or side of closet, galvanized body ... ... 22/6 each

Ditto, without wheels, but straps carried under bottom, to slide, 19/- each

S 163 Pail.

To hold 10 charges	30/- dozen ;	3/- each.
To hold 20 charges	35/- ,,	3
Covers for ditto	19/- ,,	1 9 ,



S 164 —Box with handles, 19½ in. × 12 in × 10 in. deep,
5 6 each

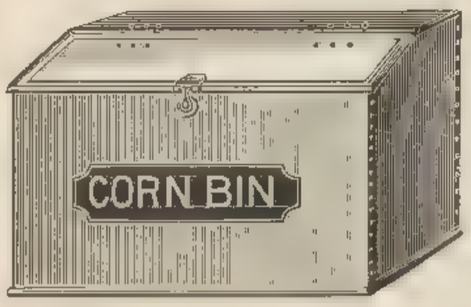
Other sizes to order

S 168

Improved Corn Meter.

The corn being put into the hopper from the loft, it can be drawn off as required by means of the shut off valve, so that a proper quantity may be taken without waste

Meter, quarter peck	...	8 6 each
Hopper . .	. .	4/- ,,
Supply Pipe . .	..	1/2 per foot



S 3665

Galvanized Rectangular Corn Bin, with hinged cover, and hasp for padlock

Sizes	4	6	8	12	16 bushel
	21/-	24/-	28/6	36/6	50/- each.

Divisions ... 3/6 each extra

S 17

Galvanized Circular Corn Bin, with hinged cover, and hasp for padlock

Sizes	2	4	6	8 bushel
	13/-	16/6	20/6	23/6 each

S 171

Wrought Iron Sack Truck,
12/6 each

If with India Rubber Tyres,
20/- each

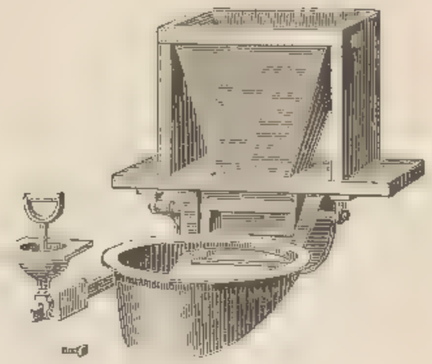
Wood ditto, 16/- or 18/6 each

Further details will be sent on receipt of requirements.

PATENT EARTH CLOSET APPARATUS.

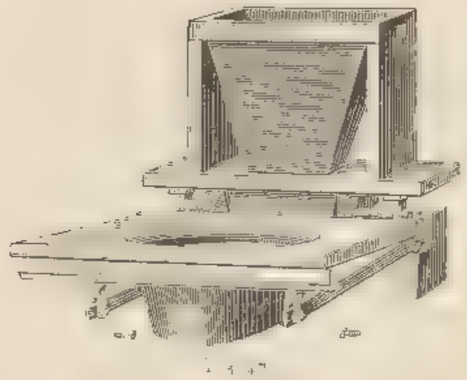
T 3645

Pull out, with galvanized iron rim, and iron handle,
25/- each.

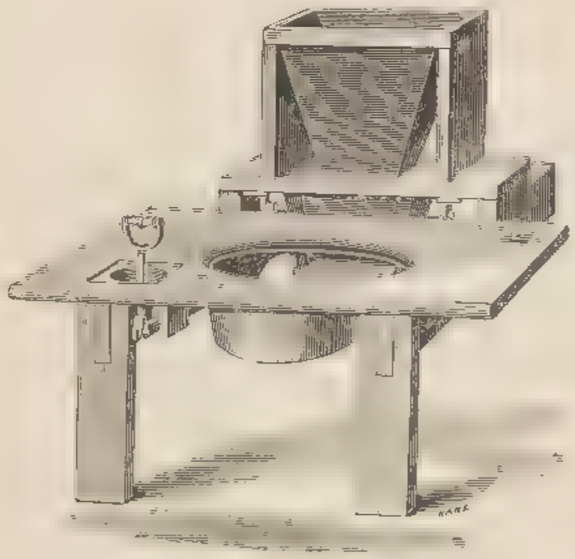


T 3646

Pull up, with galvanized iron rim, and iron handle
26/- each

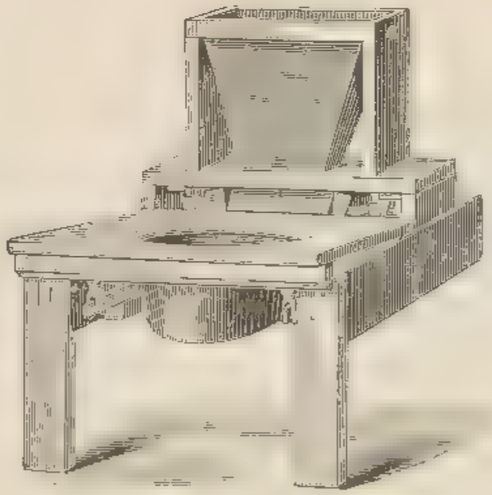


Self acting, with galvanized iron rim, cast iron lever bars, and deal seat,
37 6 each



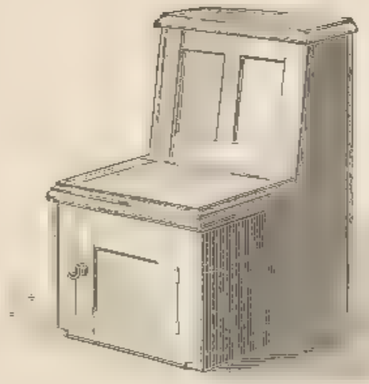
T 3648.

Pull up, with galvanized iron rim, and iron handle, deal seat on bearers, ready for fixing,
37/- each.



T 3649

Self acting, with galvanized iron rim cast iron lever bars, deal seat on bearers, ready for fixing
45/- each



T 3650

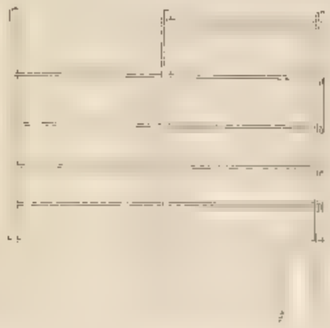
Commode, self acting, with iron rim, plain deal, unvarnished,
67/- each.

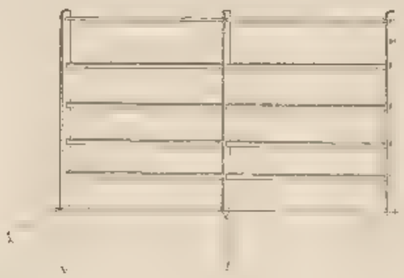
Ditto ditto earthenware rim, plain deal, varnished,
82,- each

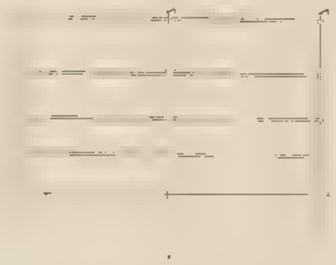
When ordering Apparatus, state whether it is proposed to fix the same over a vault, or whether over a tank or pail

Further details will be sent on receipt of requirements.

HURDLES AND WIRE FENCING.







		Per yard
T 3680	Ravelless Round Bar Hurdle, top and bottom bars, [illegible] in diameter bars [illegible] in. 6 ft. long, 4 ft. [illegible] high, 4 bars	[illegible]
T 3681	Ditto, [illegible] bars 3 ft. [illegible] in. high, 5 bars	[illegible]
T 3682	Ditto, top bar [illegible] in., lower do. [illegible] in. 3 ft. [illegible] in. high, [illegible] bars	3/7
	Ditto ditto 4 ft. high, [illegible] bars	[illegible]
	Ditto ditto 4 ft. [illegible] in. high, [illegible] bars	[illegible]
T 3683.	Ditto ditto 4 ft. high, 6 bars, 4 upright bars	4/7½

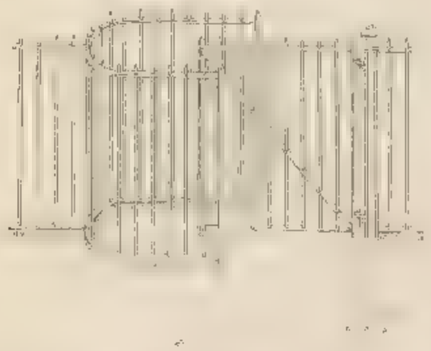
Above prices are for not less than 30 yards.

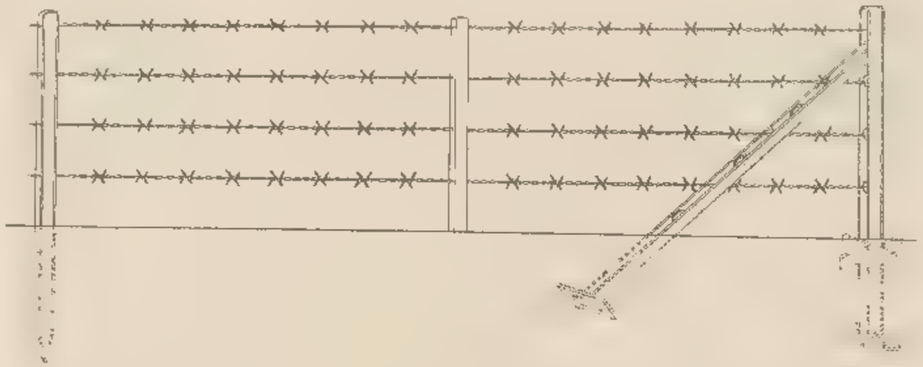
		Per yard.
T 3684	Light Cattle Hurdle, top bar [illegible] in. round, lower bar 1 in. × ½ in., [illegible] ft. long, 3 ft. [illegible] high, 5 bars	[illegible]
T 3685	Ditto, lower uprights 6 ft. long, [illegible] ft. [illegible] high, 5 bars	[illegible]
	Ditto, ditto [illegible] ft. long, 4 ft. high, [illegible] bars	2/1
T 3686.	Strong ditto, top bar [illegible] in. round, lower [illegible] bar 1 in. × ½ in., 4 uprights [illegible] 3 ft. 6 in. high, [illegible] bars	3/1½
	Ditto ditto ditto 3 ft. 9 in. „ 5 „	3/3
	Ditto ditto ditto 4 ft. high, 6 „	3/9

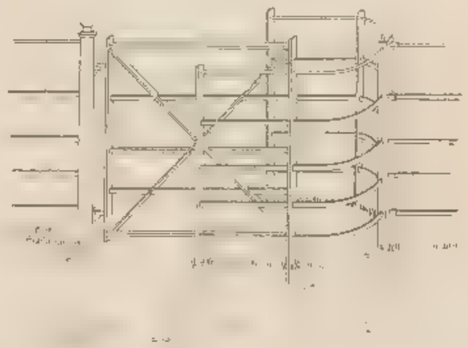
Above prices are for not less than 30 yards.

		Per yard.
T 3687	Round Bar Hurdle, [illegible] bars, 8 ft. long, 2 ft. high, 3 bars	[illegible]/7
T 3688	Ditto, top bar [illegible] in., lower bar [illegible] in., 3 ft. 4 in. [illegible] 4 „	1/6
	Ditto, ditto ft. 6 in. „ „ „	2/1
T 3689	Ditto, strong top bar [illegible] in., lower [illegible] in., 4 ft. 6 in. high, 5 bars	2/11
	Ditto, ditto 5 ft. [illegible] in. 5 „	[illegible]
	Ditto ditto 4 ft. high, 6 „	3/[illegible]

Above prices are for not less than 30 yards.





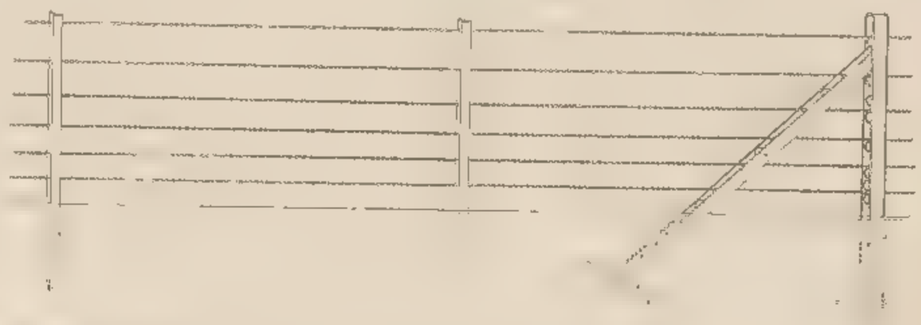


T 3690	Foot Path Gate, with bow and 2 standards, not exceeding 4 ft. 6 in. high from ground when hung, [illegible] in. diam. bars, self-shutting one way, pillar with self-fixing base	Each 45/6
T 3691.—Ditto, with pillar and bolts for stone		71/6
T 3692.—Ditto, not exceeding 6 ft. high from ground when hung, ¾ in. diam. bars, self-shutting one way, pillar with self-fixing base		99/-
T 3693. Ditto, ditto, with pillar and bolts for stone		96/-

T 3694.—Barbed Wire Fencing, 3 ft. 6 in. high, with 3 lines galvanized steel barb wire, standards 12 ft. apart, and one steel dropper between		Per yard. 10½d.
Ditto, 3 ft. 9 in. high, with 4 lines of wire		11½d.
Ditto, 4 ft. „ „ 5 „		1/0½
Ditto, 4 ft. 6 in. „ „ 6 „		1/2
T 3695. Straining Pillar & Stay for Fencing, 3 ft. 6 in. high,	28/6 extra.	4 ft. high 32/- extra.
Ditto ditto 3 ft. 9 in. „	30/6 „	4 ft. 6 in. high 34/6 „

Above prices are for not less than 150 yards.

T 3696.—Light Foot Path Gate, with bow and 4 uprights, not exceeding 4 ft. high from the ground when hung, self-shutting one way, including pillar with self-fixing bases	Each. 42/9
T 3697. Ditto without pillar, with hangings for wood or stone	30/9
T 3698. Ditto, not exceeding 4 ft. 6 in. high from the ground when hung, self-shutting one way, including pillar with self-fixing base	51/-
T 3699. Ditto, without pillar, with hangings for wood or stone	38/-



T 3700.—Plain Wire Fencing, 4 ft. high, 7 annealed black wires, top No. 4 gauge, 6 lower No. 6 gauge, standards 9 ft. apart, with double pronged feet	11d. per yard
T 3701.—Ditto, but with extra strong standards, with straight feet and wing earth plates	1/- „
T 3702.—Straining Pillar, with Stay	33/6 extra.

Above prices are for not less than 150 yards.

T 3703.—Wire Fence with Galvanized 7 ply Strand Wires and Angle Iron Standards 8 ft. apart, top wire No. 4 gauge, other No. 6 gauge; suitable for sheep or light cattle—		
5 Wires, 3 ft. 6 in. high 9d.	6 Wires, 3 ft. 9 in. high .. 10½d.	7 Wires, 4 ft. high 11½d. per yard.
T 3704. Straining Pillar, with Stay for Fencing, 3 ft. 6 in. high		30/3 extra.
Ditto ditto 3 ft. 9 in. „		3/-
Ditto ditto 4 ft. high		.. 33/9 „

Above prices are for not less than 150 yards.

Smaller quantities than specified above will be charged at a slight extra. Special prices quoted for large quantities delivered to any Railway Station on receipt of requirements. All prices include Coating with Black Varnish.

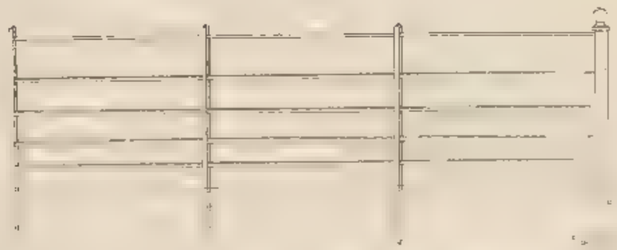
CONTINUOUS FENCING AND TREE GUARDS.

T 3711 Continuous Round Bar Fencing, with standards 3 ft. apart, with double pronged feet, suitable for sheep and light cattle—

3 ft. 6 in. high, 5 bars, top bar ⅝ in., lower bars ⅞ in.	..	1 10½ per yard.
3 ft. [illegible] ,, ,, ,, ⅝ in., ,, ⅞ in.		3 1½ ,,
4 ft. 6 in. ,, 6 ,, ,, ¾ in., ,, ⅞ in.	..	3/6½ ,,

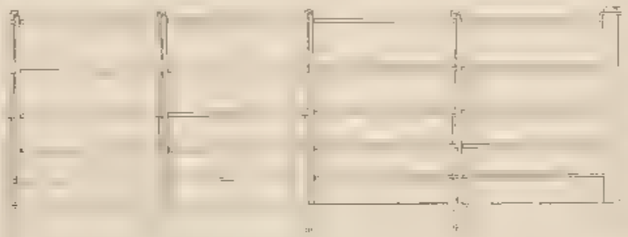
T 3711 Terminal Pillar for Fencing, 3 ft. 9 in. high . .. . 12/8 each extra.
Ditto ditto 4 ft. 6 in. ,, . 13/3 ,,

Above prices are for not less than 30 yards.



T 3712.—Continuous Fencing, with H iron standards and thrust plates, suitable for general purposes. Per yard
3 ft. 9 in. high, standards 3 ft. apart, 5 bars, top bar ⅝ in., lower bars 1 in. × ¼ in. ... 3/3
Ditto, 4 ft. 6 in. high, 6 bars, ,, ⅝ in., ,, 1 in. × ¼ in. 3/9½
T 3713. Extra Strong ditto, 4 ft. 6 in. high, standards 3 ft. 6 in. apart, 6 bars, top bar ⅞ in., lower bars 1 in. × 5/16 in. ,, .. 3/4½
T 3714 Terminal Pillars for Fencing, 3 ft. 9 in. high 1[illegible]/3 each extra
Ditto ditto 4 ft. 6 in. ,, 1[illegible]/3 ,,

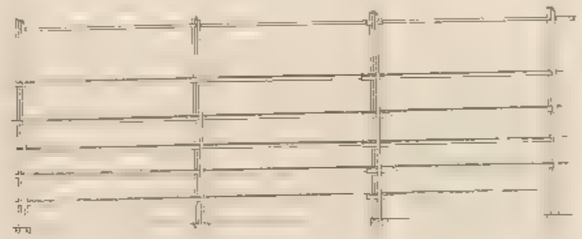
Above prices are for not less than 30 yards.



T 3715 Continuous Tubular Fencing, standards with thrust plates—
3 ft. 9 in. high, standards 3 ft. apart, 5 tubes, top tube ⅝ in., lower tubes ⅝ in. ... 3/2 per yard
4 ft. high, standards 3 ft. 6 in. ,, 5 ,, ,, 1 in., ,, ¾ in. ... 3/- ,,
4 ft. 6 in. high, standards 4 ft. ,, 6 ,, ,, 1 in., ,, 1 in. 3/10 ,,

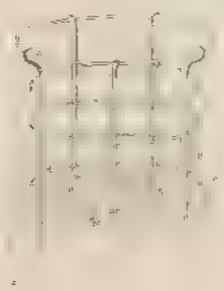
T 3716.—Terminal Pillars for Fencing—
3 ft. 9 in. high . 12/3 each extra. | 4 ft. high 12/9 each extra. | 4 ft. 6 in. high . 13/3 each extra.

Above prices are for not less than 30 yards.



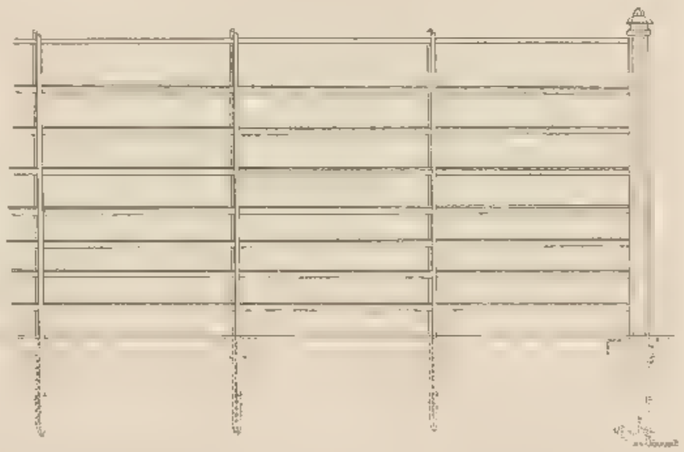
T 3717.—Continuous Wrot Iron Fencing, with Cast Iron Socket Bases, standards 3 ft. 6 in. apart, joining standards, 14 ft. centres, 4 ft. high.
4/7½ per yard.

Above prices are for not less than 30 yards.



T 3718.—Wrought Iron Tree Guard, 3 ft. 6 in. high × 4 ft. diam. at top, 5 bars . Each. 13/6
Ditto, 4 ft. high × 5 ft. diam. at top, 5 bars 16/3
Ditto, 4 ft. 6 in. ,, × 6 ft. ,, ,, 6 ,, 18/9

Above prices are for not less than 6.



T 3719 Continuous Deer Park Fencing, 6 ft. high, bulb T standards, 4 ft. apart, with thrust plates, joining standards 16 ft. apart, top bar ⅝ in. diameter, 7 lower bars 1 in. × ¼ in. Per yard. 4/-
T 3720.—Ditto, but with flat intermediate standards, with double pronged feet 3/9
T 3721 Cast Iron Terminal Pillar, with self-fixing base ... 21/6 each extra.

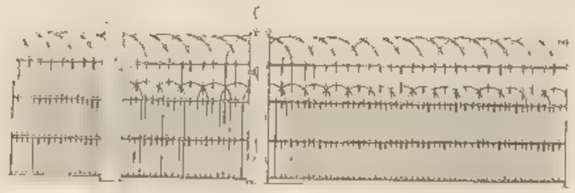
Above prices are for not less than 30 yards.

T 3722.—Wrot Iron Tree Guard, 6 ft. high, 1 ft. 3 in. diam., flat bars, 5¼ in. centres Each 15/3
T 3723. Ditto, 6 ft. high × 1 ft. diam., flat bars, 3 in. centres 10/-
Ditto, 6 ft. high × 1 ft. 3 in. diam., ditto 11/-
Ditto, 6 ft. ,, × 1 ft. 6 in. ,, ditto . 14/8

Above prices are for not less than 6.

Smaller quantities than specified above will be charged at a slight extra. Special prices quoted for large quantities delivered to any Railway Station on receipt of requirements.
All prices include Coating with Black Varnish, except Continuous Fencing, which is 1d. to 3d. per yard extra.

GARDEN AND UNCLIMBABLE FENCING



T 3730 —Ornamental Game Proof Garden Hurdles, 6 ft long, Bars ¼ in diameter, 1½ in Centres—

2 ft 6 in high,	3 horizontal bars	3/6	per yard.
3 ft 0 in. ,,	3 ,, ,,	3/8	,,
3 ft 6 in ,,	3 ,, ,,	3/10½	,,
4 ft 0 in. ,,	4 ,, ,,	4/3	,,

T 3731 —Hand Gate, 3 ft wide x 4 ft high, with latch and hanging for wood or stone posts ... . 26/3 each

T 3732 Cast Iron Pillars, 2 in square, with self-fixing bases to suit above .. .. 28/6 per pair

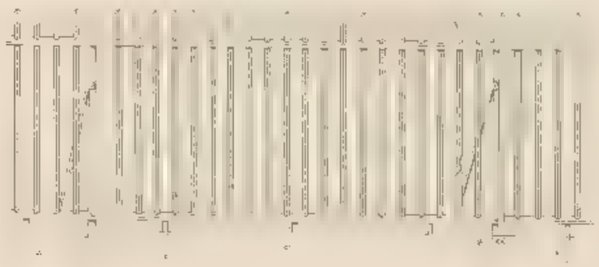
Above prices are for not less than 30 yards

T 3736.—Light Wrot Iron Vertical Bar Hurdles, 6 ft long, with prong feet—

	Standards and Horizontals.	Bars.		Per Yard.
2 ft 6 in high	1¼ in × ¼ in	⅜ in diameter,	3 in centres	3/3½
2 ft 9 in ,,	1¼ in × ¼ in	⅜ in ,,	3 in ,,	3/4½
3 ft 0 in ,,	1¼ in × ¼ in	⅜ in ,,	3 in ,,	3/6½
3 ft 6 in ,,	1¼ in × 5/16 in	7/16 in ,,	3 in ,,	4/8½

T 3737 —Hand Gate to match, not exceeding 3 ft. 6 in high × 3 ft. wide, including 1 side stay .. .. 28/- each

Above prices are for not less than 30 yards

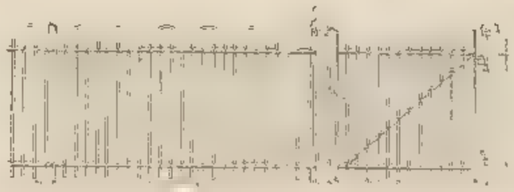


T 3740 Continuous Square Bar Unclimbable Railing in 9 ft lengths with one standard and stay to each—

3 ft. 6 in high,	9/16 in square bars,	4½ in centres		5/7	per yard.
3 ft 9 in. ,,	9/16 in ,,	,,	4½ in ,,	5/9	,,
4 ft. 0 in ,,	9/16 in ,,	,,	4½ in ,,	6/-	,,
4 ft 6 in ,,	⅝ in ,,	,,	4½ in ,,	7/8	,,
5 ft. 0 in ,,	⅝ in ,,	,,	4½ in. ,,	8/4	,,

Above is also made adjustable to suit rising and falling ground Sizes and prices on application

Above prices are for not less than 30 yards



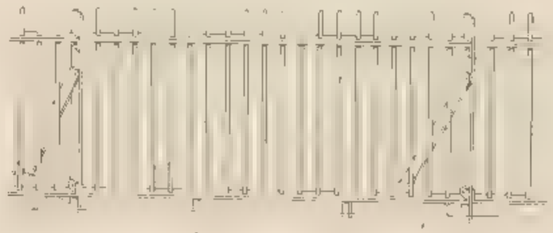
T 3733 —Extra Strong Ornamental Hurdles 6 ft. long ⅜ in. bars, 2½ in. centres—

2 ft. 6 in high,	2 horizontal bars	3/10 per yard
3 ft 0 in. ,,	3 ,, ,,	4/4
3 ft 6 in. ,,	3 ,, ,,	4/7
4 ft 0 in ,,	3 ,, ...	4/10

T 3734 Hand Gate to match, 3 ft wide x 4 ft high .. 26/3 each

T 3735 Cast Iron Pillars, 2 in square, with self fixing bases 28/6 per pair extra.

Above prices are for not less than 30 yards

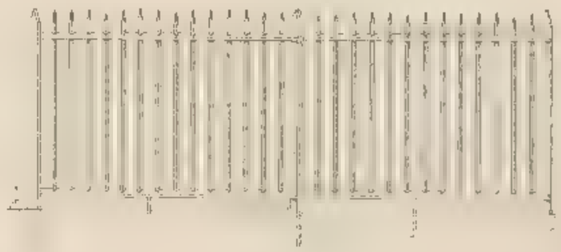


T 3738 —Continuous Unclimbable Wrot Iron Railing with prong feet, standards 9 ft apart

	Horizontals and Standards	Bars.		Per Yard
3 ft. 6 in high	1¼ in × ⅜ in.	½ in. diameter,	4½ in. centres	3/6
3 ft 9 in ,,	1¼ in × ⅜ in	½ in. ,,	4½ in ,,	3/7
4 ft 0 in ,,	1¼ in × ⅜ in.	½ in ,,	4½ in ,,	3/9
4 ft 6 in. ,,	1½ in. × ⅜ in.	⅝ in ,,	4¾ in. ,,	5/3

T 3739 —Side Stays, with base plate, 1¼ in. × ⅜ in., for railing up to 4 ft. 6 in high, 1/2 each extra.

Above prices are for not less than 30 yards



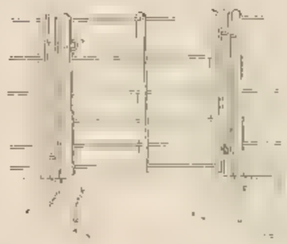
T 3741.—Wrot Iron Unclimbable Hurdles, 6 ft long, with plain points—

	Horizontals and Standards.	Vertical Bars.		Per Yard
3 ft 0 in high	1¼ in × ¼ in	⅜ in diameter,	3½ in. centres	3/6½
3 ft 6 in ,,	1⅜ in × 5/16 in.	½ in ,,	3½ in ,,	4/4
4 ft 0 in ,,	1⅜ in. × 5/16 in	½ in ,,	3½ in ,,	4/9
4 ft 0 in ,,	1½ in × ⅜ in.	⅝ in. ,,	4 in ,,	6/3
4 ft 6 in. ,,	1½ in. × ⅜ in	⅝ in ,,	4 in ,,	6/9
5 ft 0 in	1⅝ in × ⅜ in	⅝ in ,,	4¼ in ,,	9/6

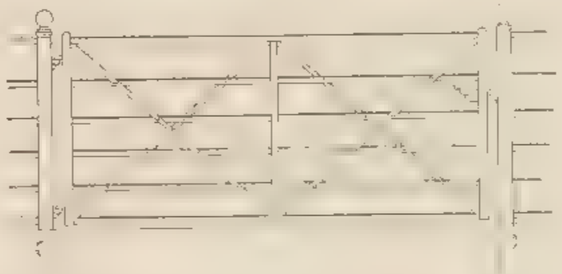
Above can be supplied with blunt points or bow tops at same prices

Above prices are for not less than 30 yards

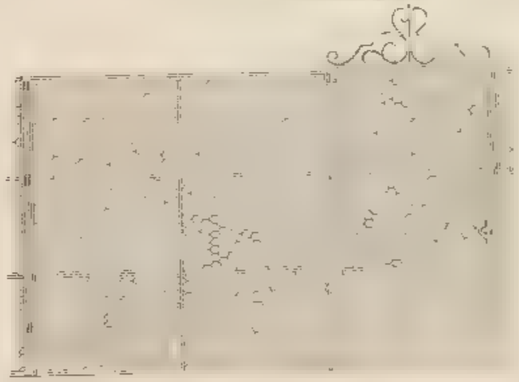
Smaller quantities than specified above will be charged at a slight extra. Special prices quoted for large quantities delivered to any Railway Station on receipt of requirements. All prices include Coating with Black Varnish, except Ornamental Hurdles which are Painted one coat



T 3747. Wrought Iron Hand Gate to match solid bar hurdles or fencing not exceeding 4 ft. high, gate only 3 ft. wide, with latch and hangings for wood or stone [illegible]
T 3747.—Ditto, with wrot iron standards to bolt to ends [illegible] shown [illegible] 23 "
T 3748.—Gate only, made extra strong, with latch and hangings for wood or stone 19 "
T 3749. Ditto, with strong wrot iron standards to bolt to ends of Hurdles [illegible]
If Gate made self-shutting, 2/9 extra



T 3754.—Wrot Iron Field Gate, tee and angle iron framing [illegible] fitted with ordinary latch or slip bolt for padlock, gate only 9ft. wide × 3ft. 9in. high, with hangings for wood or stone [illegible]
T 3755. Ditto, with cast iron pillars, with self-fixing bases as shown [illegible]
T 3756. Gate only 9ft. wide × 4 ft. 6 in. high, with 5 inner horizontals [illegible]
T 3757. Ditto, with cast iron pillars, with self-fixing bases [illegible]



T 3760.—Lawn Tennis Fencing, made in hurdles 6 ft. long, covered with 2 in mesh galvanized wire netting, including standards with anchor feet—

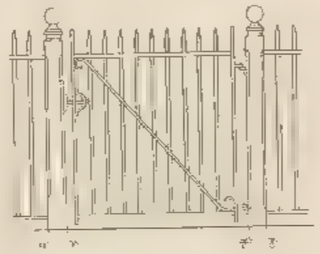
	Ironwork Painted	Ironwork galvanized
4 ft. high, 3 horizontals	2/8 per yard	[illegible]
6 ft. " 4 "	[illegible]	[illegible]
8 ft. " 5 "	4/6 "	6/6 "

T 3761 Gate 3 ft. wide, hung to extra strong standards, made self closing

	Painted	Galvanized
4 ft. high	[illegible]	[illegible] each
6 ft. "	[illegible]	"
8 ft. "	[illegible]	[illegible]

If without ornamental scroll on top [illegible] less.
Above prices are for not less than 24 yards.

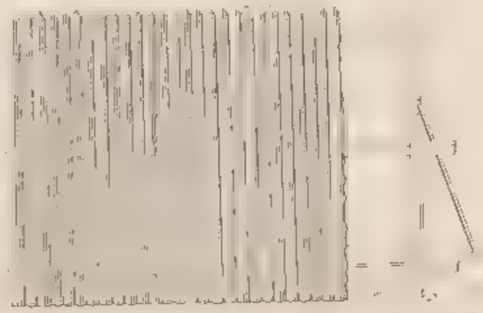
T 3750 Wrot Iron Step Ladder or Style, for iron or wire fences, including Hand rail as shown—
For fences up to 4 ft. high [illegible]
" " 4 ft. 6 in to 5 ft. high [illegible]



T 3758.—Vertical Round Bar Hand Gate, 3ft. 6in. wide, fitted with either latch or slip bolt for padlock

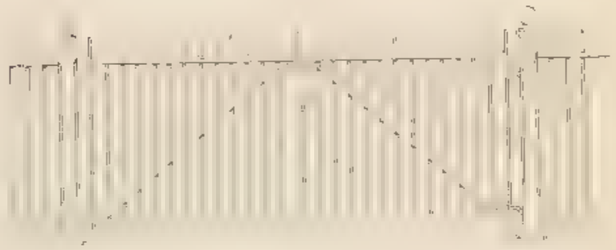
	Hand Gate only, with Hangings for Wood or Stone. Each	Hand Gate and Gate Pillars to fix on Stone Bases including Bolts. Each	Hand Gate and Gate Pillars with Self fixing Bases Each
3ft. 6in. high, bars ½in. diam.	[illegible]	[illegible]	[illegible]
3ft. " " " ⅝in. "	32/6	[illegible]	68
4ft. " " " ¾in. "	[illegible]	[illegible]	[illegible]
4ft. 6in. " " ⅞in. "	[illegible]	[illegible]	[illegible]
5ft. " " " 1in. "	38/-	[illegible]	[illegible]

If Gate fitted with brass warded Lock [illegible] extra



T 3762.—Corrugated Sheet Iron Unclimbable Fencing, with standards 8 ft. 4 in. apart, suitable for poultry and public grounds, with bolts and nuts and stays complete—
5ft. high, 7/8, 6ft. high, 8/9, 7ft. high, 11/10, 8ft. high, 13/3 per yard
T 3763. Angle Iron Standards for corners [illegible] 6/1 each extra
Above prices are for not less than 50 yards

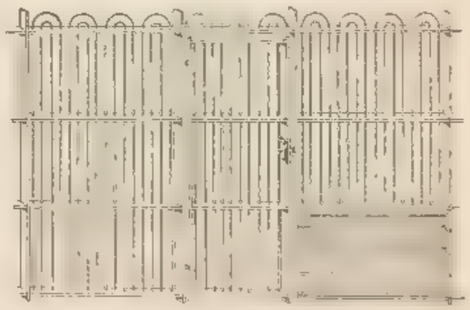
T 3751.—Wrot Iron Hand Gate to match solid bar hurdles or fencing not exceeding 4 ft. high, gate only 3 ft 6 in. wide, with latch and hangings for wood or stone [illegible]
T 3752.—Ditto, with strong wrot iron standards [illegible]
T 3753. Ditto, with cast iron pillars, with self-fixing bases as shown [illegible]
If Gate made self-shutting extra 2/9
Can be supplied 4 ft. 6 in. high, with [illegible] or horizontals [illegible]
gate only extra 1/8
Ditto gate and pillars [illegible]



T 3759 Vertical Round Bar Gates, 9 ft. wide, fitted with either latch or slip bolt for padlock

	Pair Gates, with Hangings for Wood or Stone. Each	Pair Gates and Pillars to fix on Stone Bases including Bolts. Each	Pair Gates and Pillars, with Self fixing Bases Each
3ft. 6in high, bars ½in. diam.	£3 12 9	£5 1 0	£5 [illegible]
3ft. " " " ⅝in. "	3 13 9	5 3 0	5 [illegible]
4ft. " " " ¾in. "	3 15 0	5 [illegible]	5 11 [illegible]
4ft. 6in. " " ⅞in. "	4 5 6	5 1 [illegible]	[illegible] 9
5ft. " " " 1in. "	5 9 6	7 3 6	7 13 [illegible]

If Gates are fitted with brass warded lock and sham, 16/6 extra.
If with cast iron gate stop as shown, 7/3 extra.



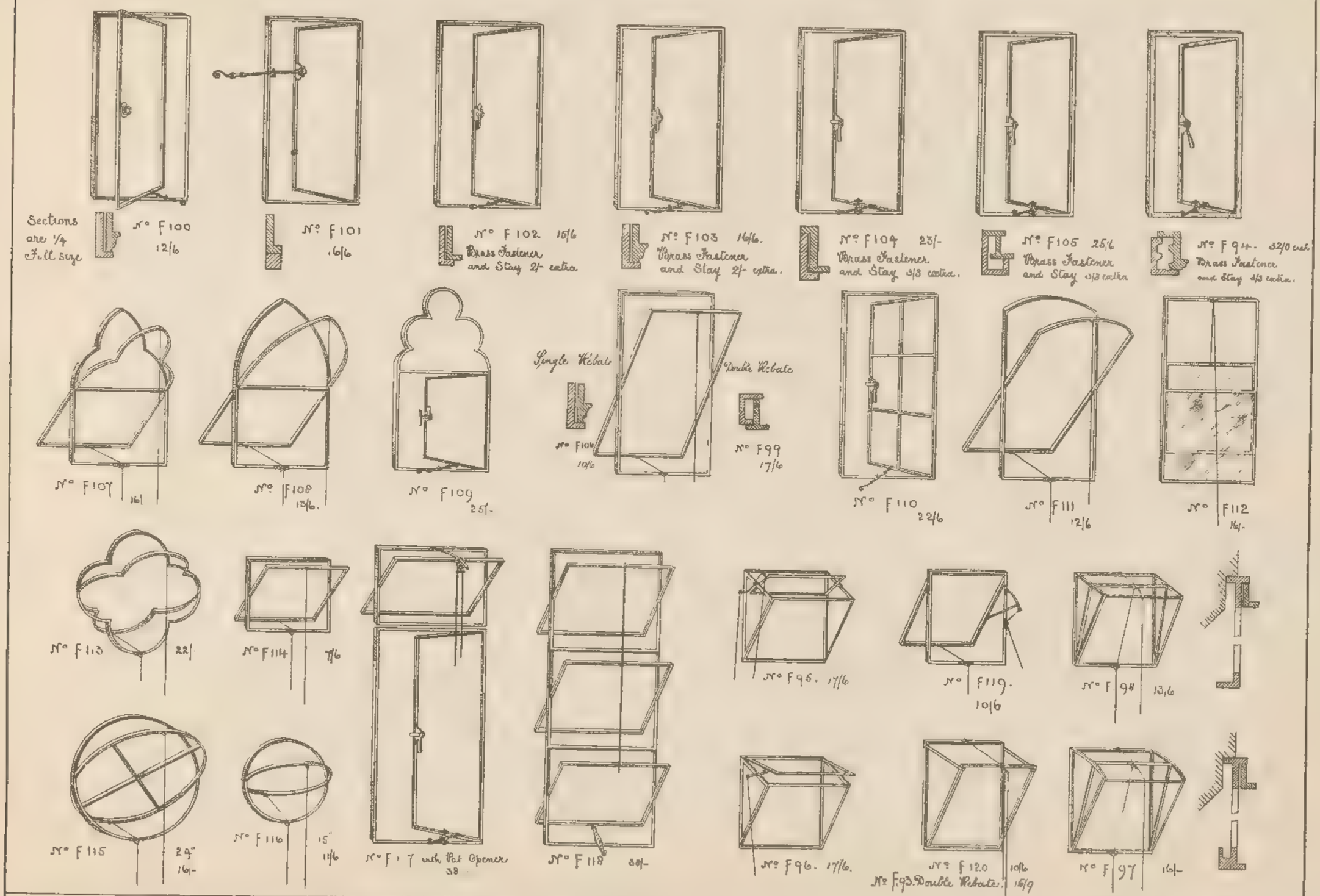
T 3764.—Wrot Iron Dog Kennel Railing, in 6ft. lengths, with standards to fix in ground—

	5ft.	6ft.	7ft. high
Bars ⅝in. diam., 2in. apart	6/9	8/-	8/[illegible] per yard
T 3765 " ½in. " 2½in. "	7/8	8/3	8/[illegible] "
T 3766 " ½in. " 3in. "	8/9	9/7	11 "
T 3767.—Hand Gate and Standards for ditto, with slip bolt			[illegible]

If railing is fitted with galvanized corrugated sheets at bottom 2ft. 6in. high 1/9 per yard extra
If gates ditto, 4/6 each extra.

Smaller quantities than specified above will be charged at a slight extra. Special prices quoted for large quantities delivered to any Railway Station on receipt of requirements. All prices include Painting one coat except where Galvanized.

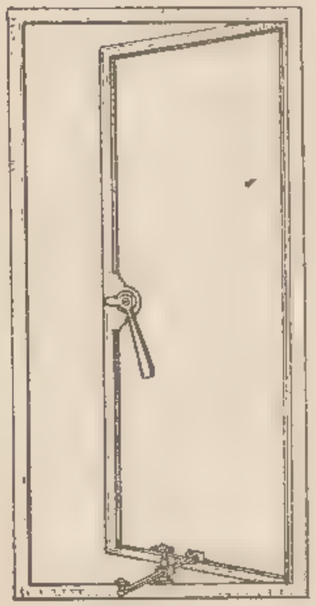
IMPROVED WROT IRON CASEMENTS.



Above prices are to a scale of about ½ in. = 1-ft., but can be made to any dimensions. Special prices for large quantities and other sizes [illegible] of specific [illegible]. Full [illegible] of any of above will be sent on application. When ordering Swing Casements, state No. of pattern, outside measurement of frame, position of glazing or tie bars, if any; if for sheet glass or leaded [illegible]; if glazing bars above or below; if open by cords or racks. When ordering Hinged Casements, state No. of pattern; outside measurement of frame; position of glazing or tie bars, if any, on which side to hang when inside room; and if for sheet glass or leaded work. Sections of Side Hung Casements to open INWARDS sent on application, but are not recommended.

IMPROVED DOUBLE REBATED CASEMENTS.

Casements to open outwards.



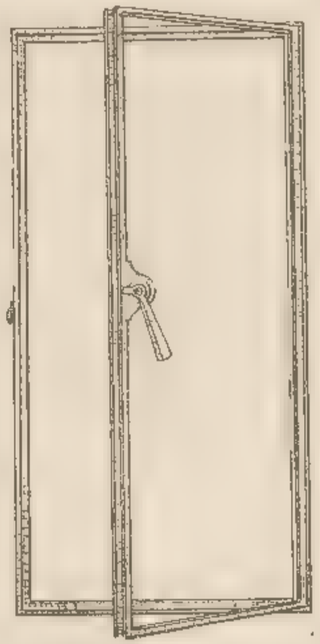
F 88 F. 89

ORDINARY QUALITY fitted with Brass Hinges and Iron Handles and Stay.

BEST QUALITY with Planed Meeting Edges, Gun Metal Hinges and Brass or Bronzed Fasteners and Stays.

Prices up to 24 inches wide.

	24	30	36	42	48	54	60	inches high
F 88—Ordinary Quality ..	24/-	24/9	25 6	27/-	28/6	31/-	32/6	each
Best Quality	32/-	33/-	34/6	36/6	38 6	41/-	43/-	,,
F 89—Ordinary Quality ..	30/-	31/-	32/-	33/6	35/-	38/6	40/-	,,
Best Quality .	37 6	38/6	40/-	42/-	44/-	47/6	49/-	,,



F 90—Ordinary Quality
Best Quality

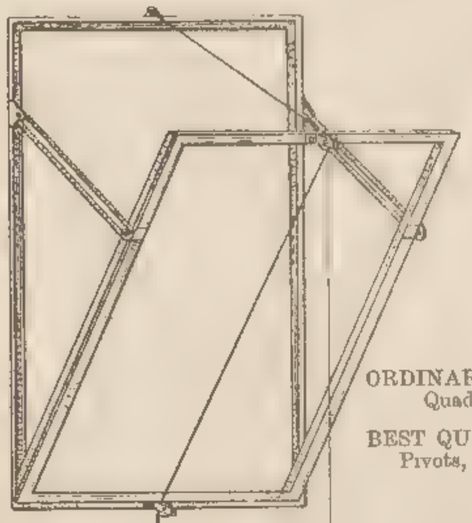
Casement to open inwards.

ORDINARY QUALITY fitted with Brass Hinges and Iron Handles.

BEST QUALITY with Planed Meeting Edges, Gun Metal Hinges and Brass or Bronze Fastener.

Prices up to 24 inches wide.

	24	30	36	42	48	54	inches high
..	20/9	21/6	22/3	23/-	24/-	26/-	each
	28/-	29 -	30/-	31/-	32/-	35/-	,,



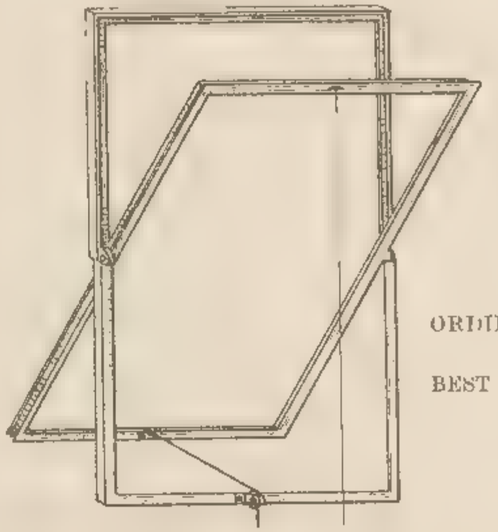
F. 91.

ORDINARY QUALITY fitted with Iron Pivots, fixed Quadrant, Stops and Pulleys and Eyes for Cords.

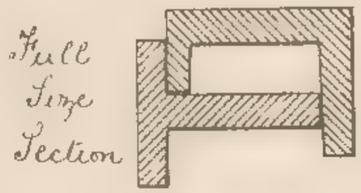
BEST QUALITY with Planed Meeting Edges, Gun Metal Pivots, Falling Quadrant, Stops and Brass Pulleys and Eyes for Cords

Prices up to 24 inches wide.

	18	24	30	36	inches high
F 91—Ordinary Quality . .	16/-	16/9	17 6	18/3	each
Best Quality	23/3	24/3	25/6	26/9	,,



F 92—Ordinary Quality
Best Quality .



ORDINARY QUALITY fitted with Iron Pivots and Pulleys and Eyes for Cords.

BEST QUALITY with Planed Meeting Edges, Gun Metal Pivots, and Brass Pulleys and Eyes for Cords.

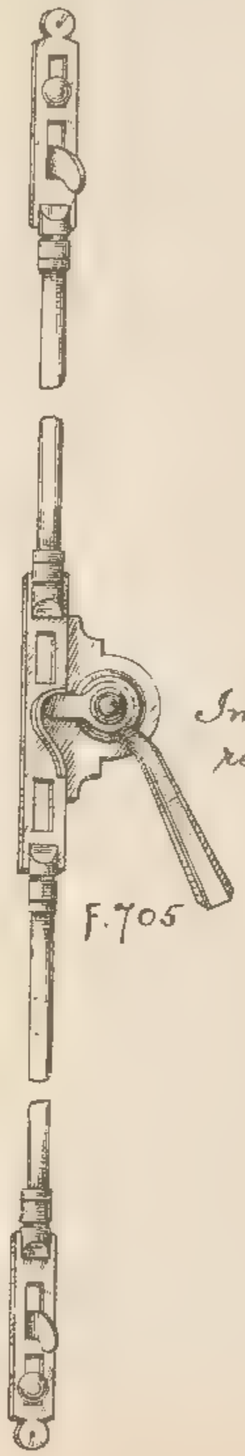
Prices up to 24 inches wide.

	24	30	36	42	48	inches high
..	16/-	16/9	17/6	18/3	19/-	each
..	21/9	22/9	24/-	25/6	27/-	,,

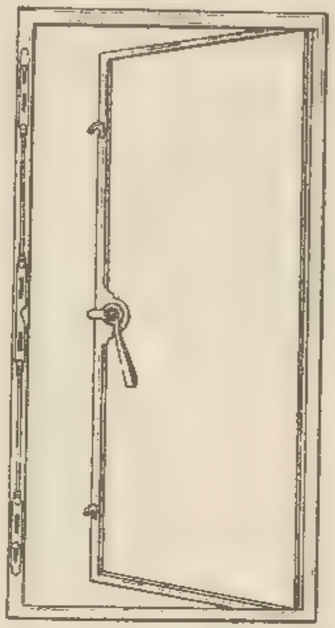
For details required with Orders see foot note page 237. *Special prices for large quantities and other sizes on receipt of specifications.*

FITTINGS FOR CASEMENTS.

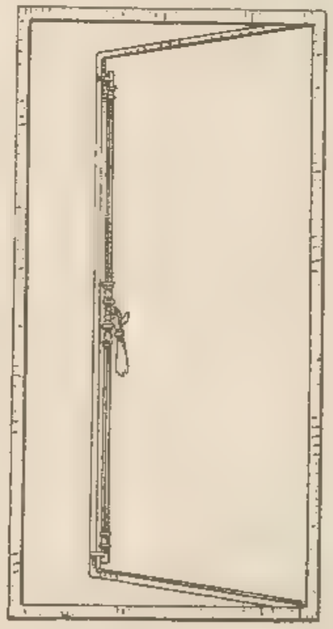
F. 705.



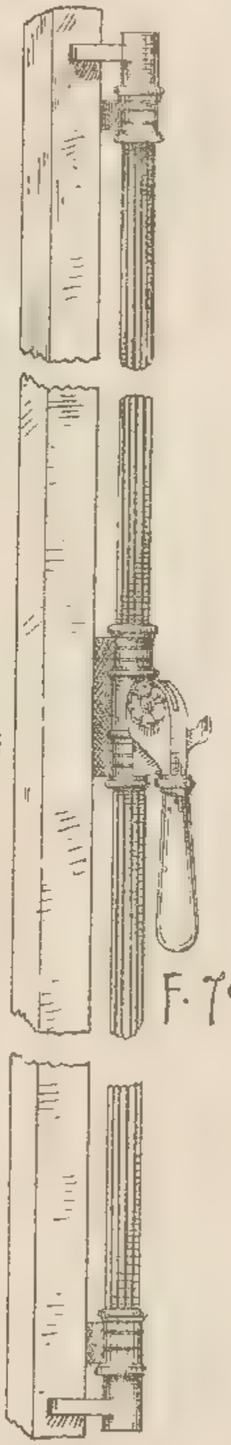
F. 705



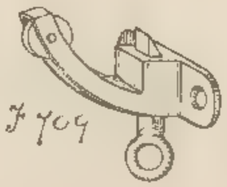
Improved Brass or Bronzed Fasteners recommended for Side Hung Casements 5 feet high and upwards. 15/- each extra for either F 705 or F 706



F. 706.

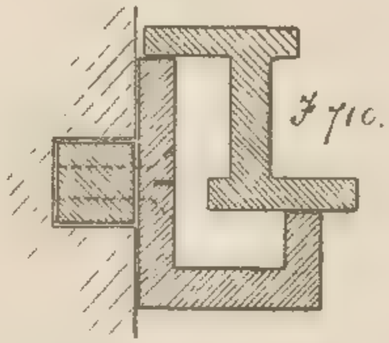


F. 706.



F 709

Brass Spring Catch to work with Cord or Rod for Swing Casements or Casements opening at Top.
2/- each extra

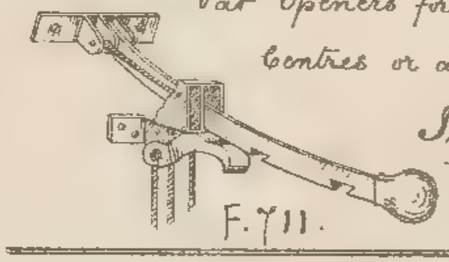


F 710.

Loose Fixing Rebates to fit in Grooves at sides of Casements.

Extra per Casement.

24"	36"	48"	60" high
2/-	2/6	3/-	4/- each



F. 711.

Pat Openers for Casements hung on Centres or at Top or Bottom.

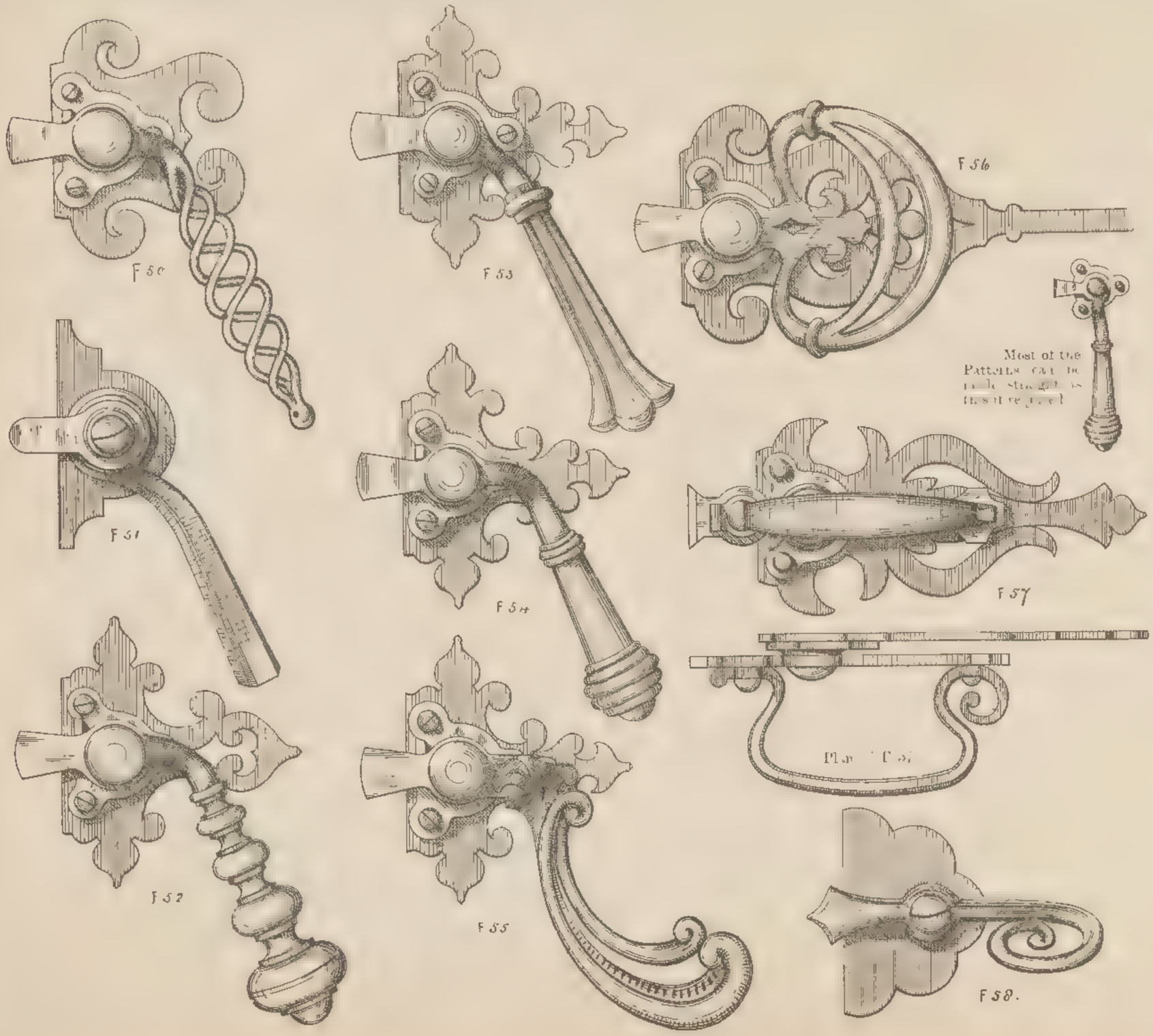
	16"	18"	
Iron.	1/9	2/-	each
Brass "	6/-	7/-	"

extra to Casements.

Extras on Casements.

Glazing Bars in Casements for Sheet Glass 1/2 each
Tie Bars in do for Leaded Lights 10 "
Glazing Rebates fixed to Frames of Casements to take Glass above or below 9 each.
Molded Glazing Bars to fix in Stone Jambs 18" long. 1¼" section 7 each. 1½" section 8 each.
Brass & Gun Metal Fasteners & Stays see pages 240. 241.

For Simultaneous Opening Gear see pages 248 and 249



FASTENERS FOR IRON CASEMENTS.

F 50 ... Wrought Iron ... 3,6

	Malleable Iron	Polished Gun Metal or Brass
F 51	1 6	4 0
F 52	2 6	6 -
F 53	2 6	7 -
F 54	2 3	5 6
F 55	2 9	7 9
F 56	5/9	10
F 57	2 3	5 6
F 58	8d.	1/9

Casements F 102, F 103, are priced with F 58 Handle. Casements F 94, F 104, F 105, F 110, F 117, F 88, F 89, F 90, with F 51 Handle.

Any pattern handle can be substituted and the difference in price added or deducted.

All drawn Right Hand and half full size. In ordering say hand required.

Special prices for large quantities on receipt of specification.

STAYS FOR IRON CASEMENTS.

		Wrot Iron.
F 64		2/9 each
F 66 10 in.		2/5 ,,
12 in.		2/8 ,,
14-in.		3/2 ,,
	Malleable Iron	Polished Gun Metal or Brass
F 65 7½-in.	-/9	1/6 each
11 in	/11	1/9 ,,
14-in.	1/1	2/- ,,
F 67 10-in.	1/6	3/6 ,,
12-in.	1/10	4/2 ,,
F 68 10-in.	2/-	5/6 ,,
12-in.	2/6	6/2 ,,
F 69 12-in.	1/6	5/6 ,,
16 in.	2	6 6 ,,

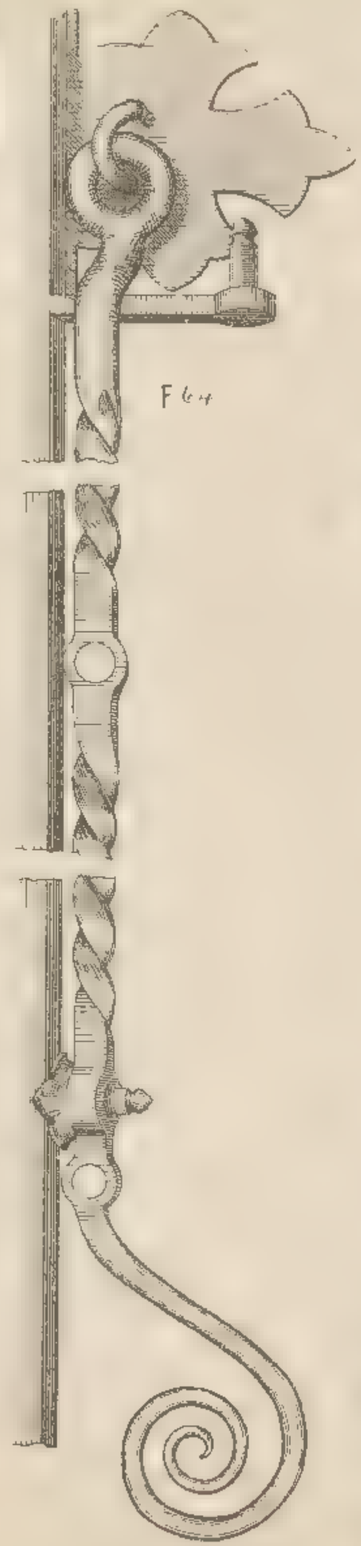
Casements F 102, F 103, F 109 F 110, are priced with F 65 Stay.

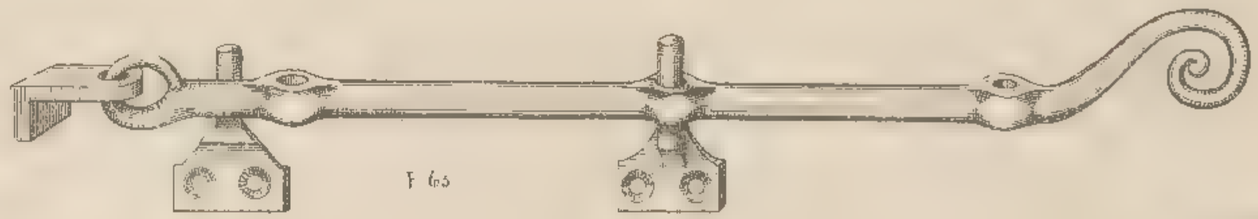
Casements F 94, F 104, F 105, F 117, F 88, F 89, F 90, with F 67 Stay.

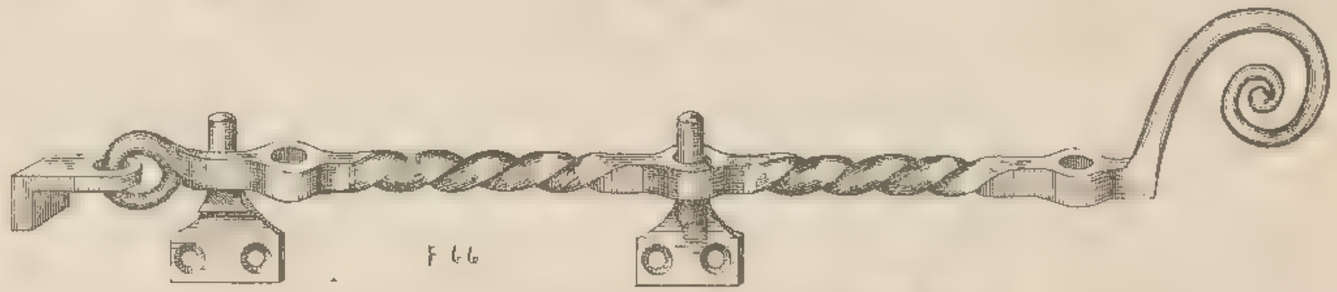
Any pattern Stay can be substituted, and the difference in price added or deducted.

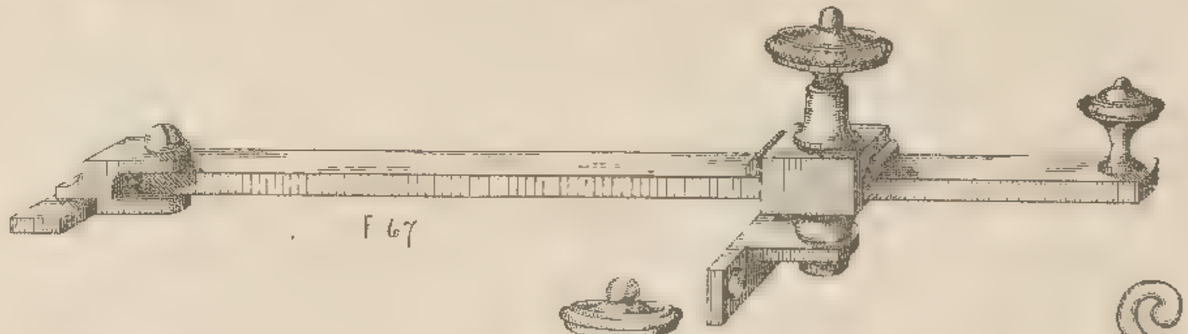
Drawn half full size.

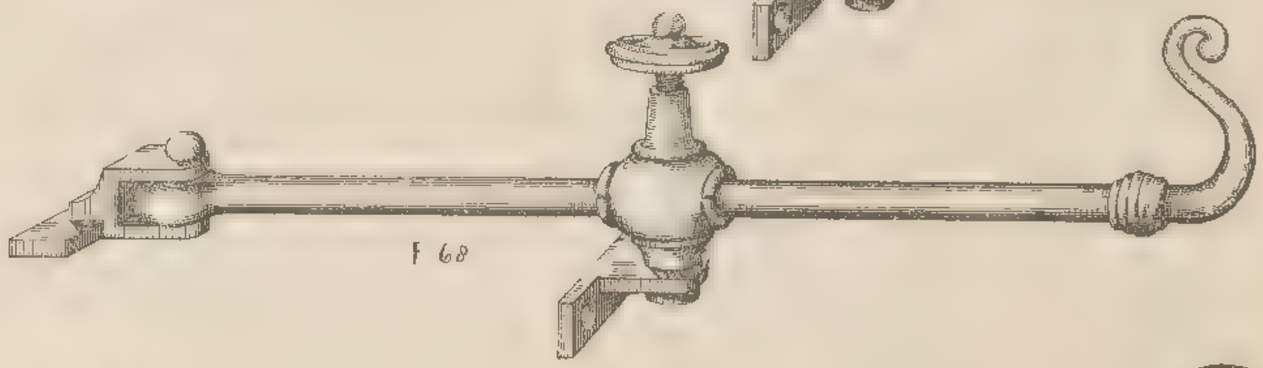
Special Prices for large quantities on receipt of Specification.

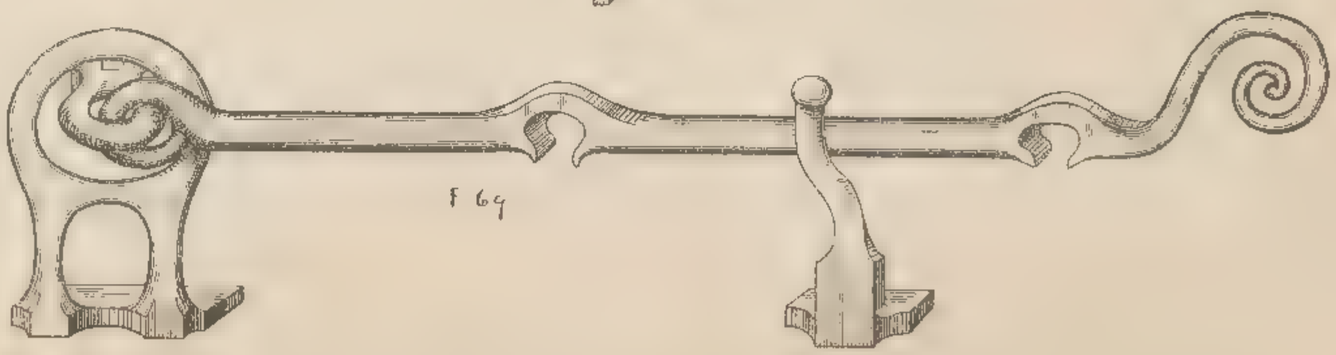




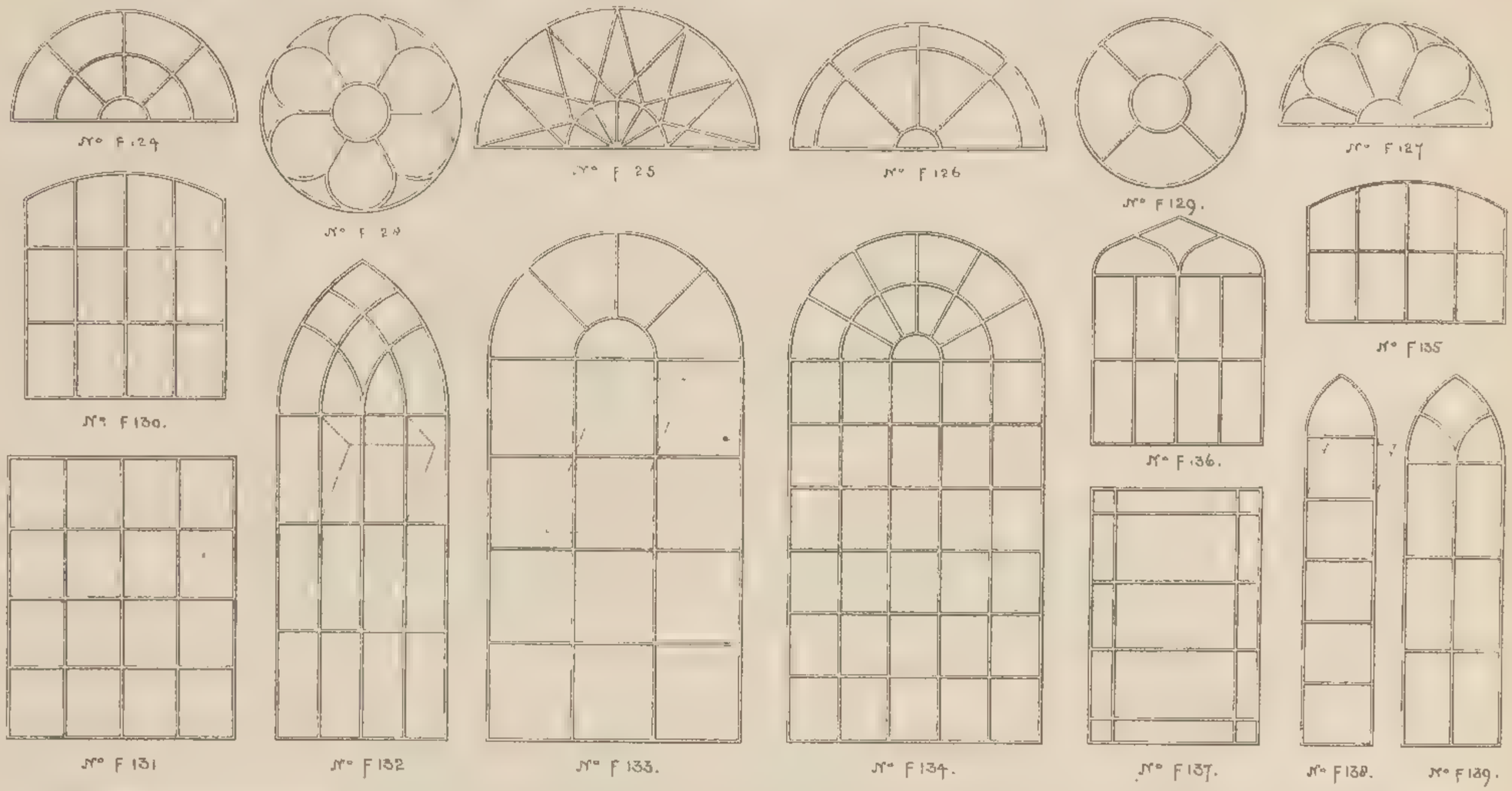








Improved Wrot Iron Mitre Joint Sashes.



These Sashes are in every way superior to Cast Iron, being practically unbreakable, offer less obstruction to light, are made to any size or shape without cost of patterns, are light and portable for shipment and require little packing.

INFORMATION REQUIRED FOR ORDERS OR ESTIMATES.

Sketch showing number of panes.

Description of Ventilators, if any, See page 237.

If ventilators are to open by racks, or cords, or patent openers.

Section of iron. See full-size sections, page 245.

Whether with lugs to build in or holes for screws.

If to glaze from inside or outside

Thickness of glass, if holes are required for glazing pins.

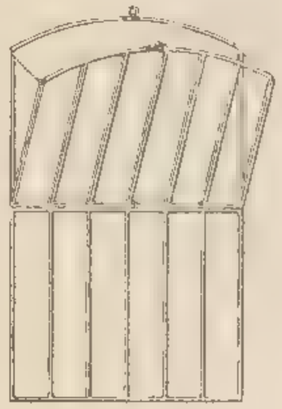
If ventilators to be made removable. See page 244.

Frames of sash are made with ordinary section unless specially ordered with F 18 flanged frame.

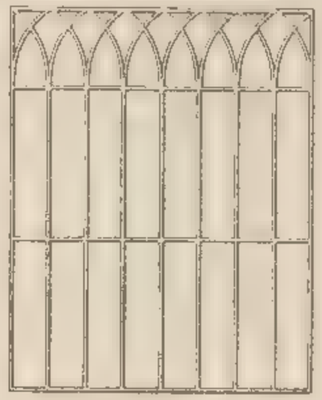
Prices vary from 6d. to 2/6 per foot super, according to quantities, sizes, number of panes, section of iron and design.

Exact estimates sent on receipt of requirements.

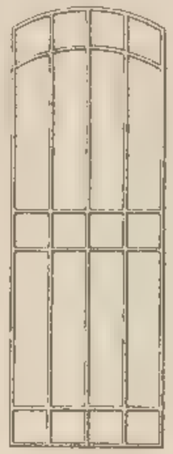
Wrot Iron Mitre Joint Guard Bar Sashes.



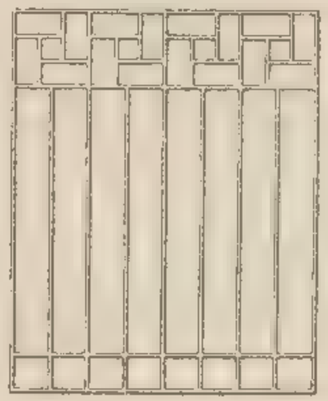
No F 140



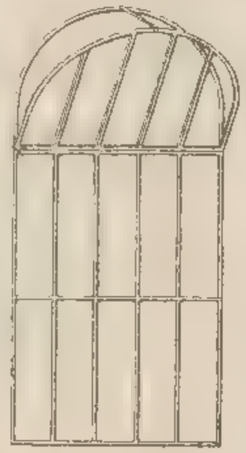
No F 141



No F 142



No F 143



No F 44

No F 145

THESE WINDOWS ARE SPECIALLY ADAPTED FOR LUNATIC ASYLUMS, REFORMATORIES, WAREHOUSES, BONDED STORES,

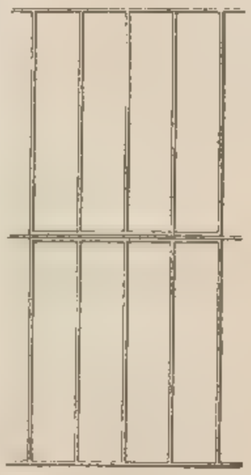
And all Buildings where security is desired with the least possible obstruction to light.

Made of moulded sash iron, as on page 245 to suit size of windows.

These Sashes form effectual guards whilst avoiding the objectionable appearance of the ordinary guard bars.

They can be made to any form or design, and fitted with opening or ventilating parts as on page 237, also with guarded hoppers to same.

No F 146

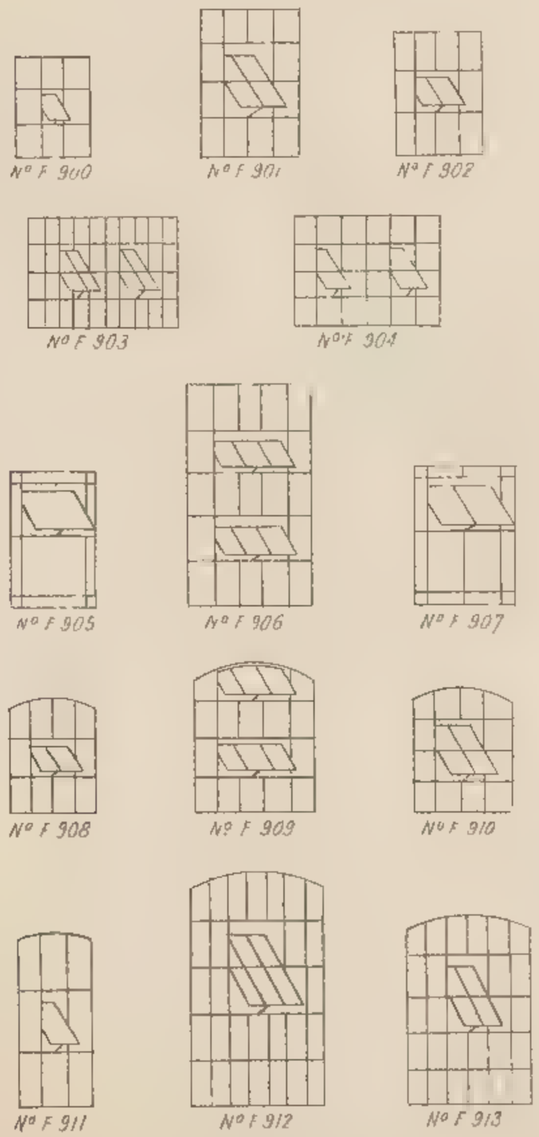


No F 47

Prices vary from 1/- to 2/6 per super foot. *Exact prices given on receipt of size, pattern, number of panes, &c.*

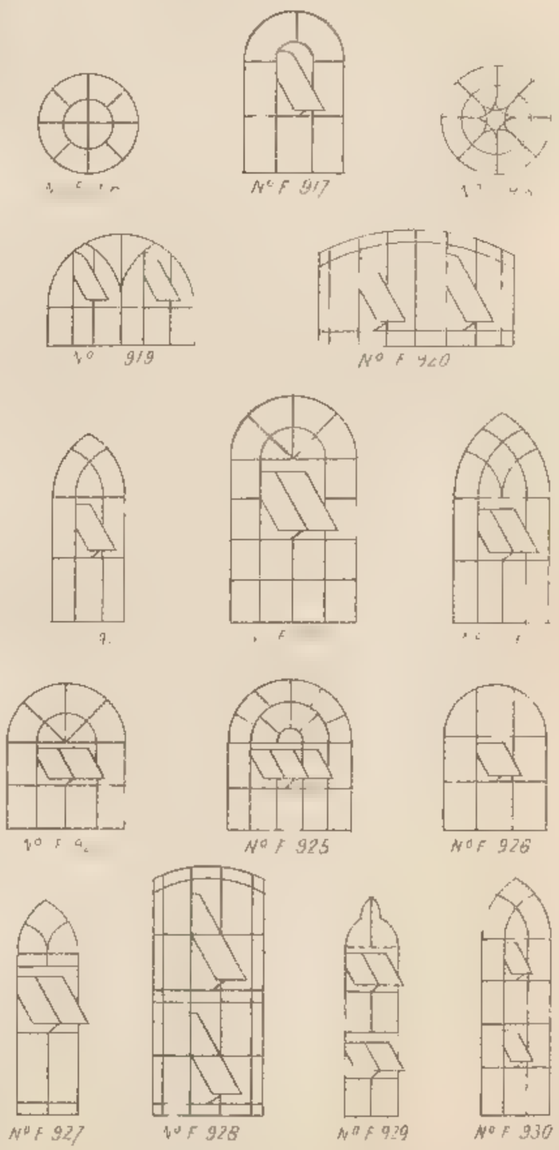
Improved Wrot Iron Mitre Joint Sashes with Removable Ventilators,

VENTILATORS HUNG AT TOP, BOTTOM OR CENTRES.



These Sashes are in every way superior to cast iron, being practically unbreakable- offer less obstruction to light, and are made to any design without cost of patterns; are light and portable for shipment, and require little packing.

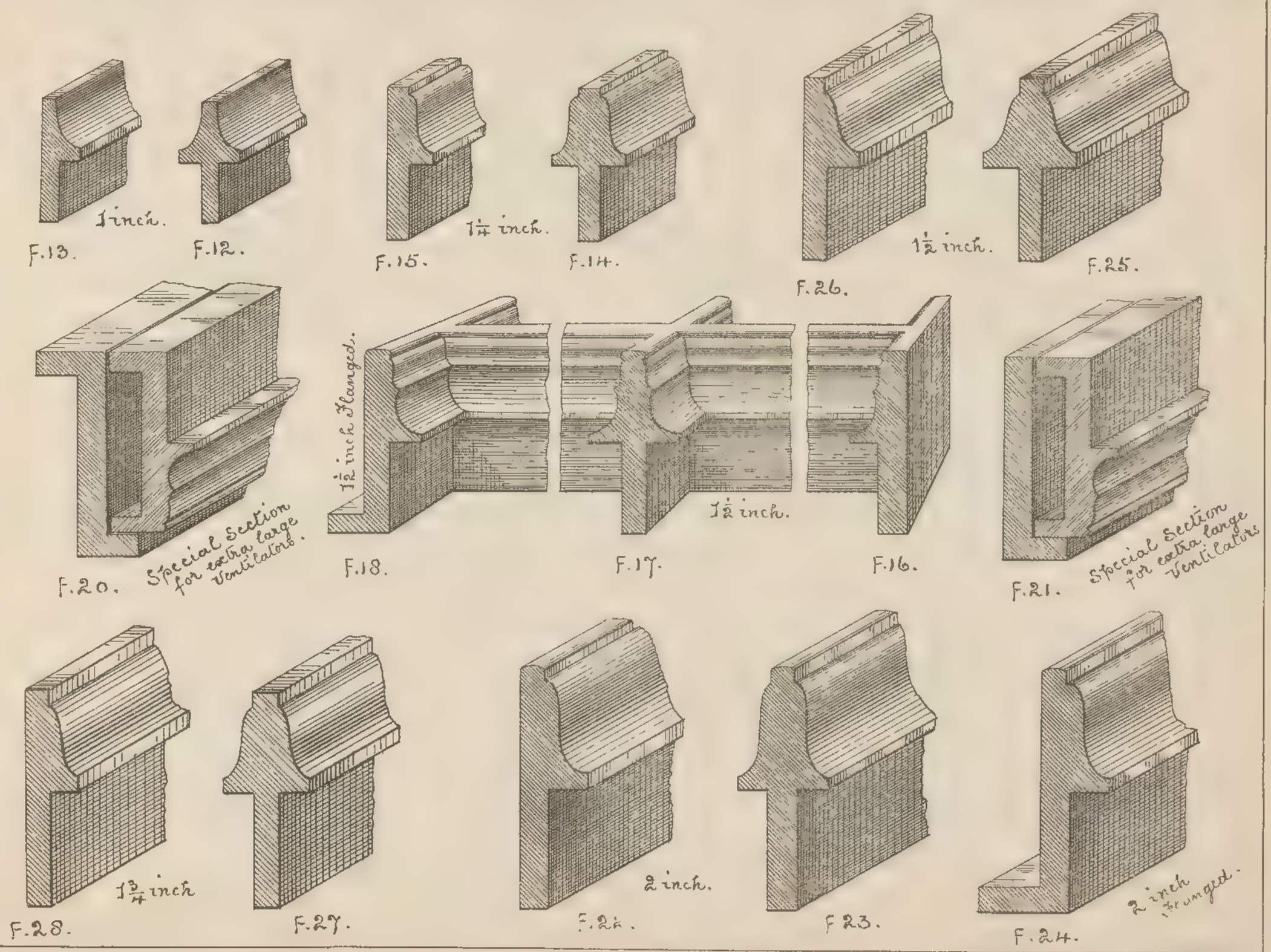
ARRANGED SO AS TO ADMIT OF THE WINDOW BEING CLEANED FROM INSIDE.



Special attention is drawn to the advantage of being able to clean the sashes from the inside, thus avoiding the use of ladders. Sashes are not fitted with removable Ventilators unless so specified with enquiries and orders.

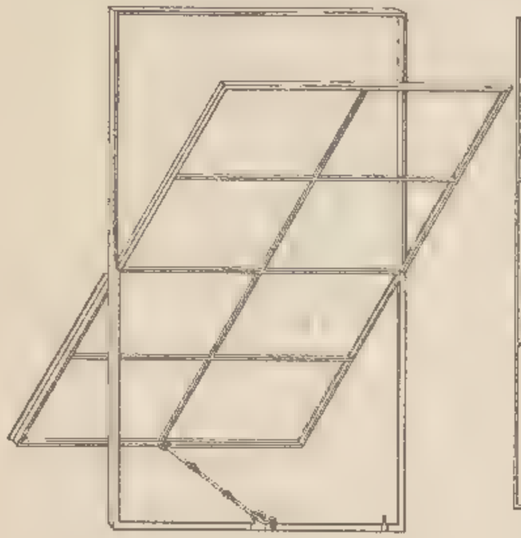
For full size sections of Iron see page 245. *Estimates sent on receipt of requirements.*

FULL SIZE SECTIONS OF MOULDED SASH IRON.

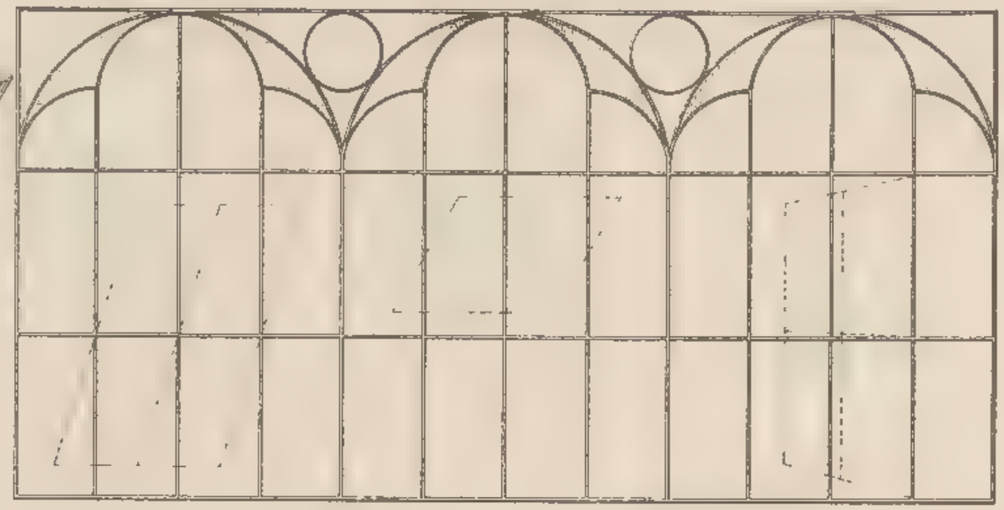


The above Sections are kept in Stock Special patterns quoted for on receipt of requirements.

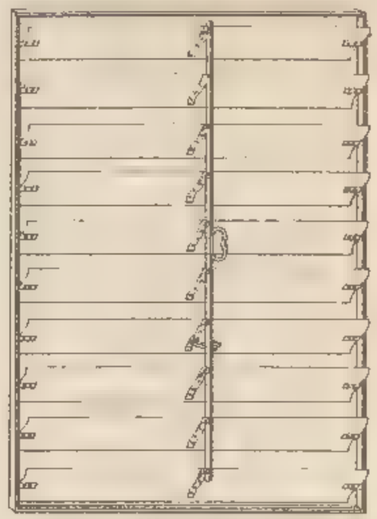
Improved Wrot Iron Mitre Joint Sashes and Ventilators,



F 163 31/



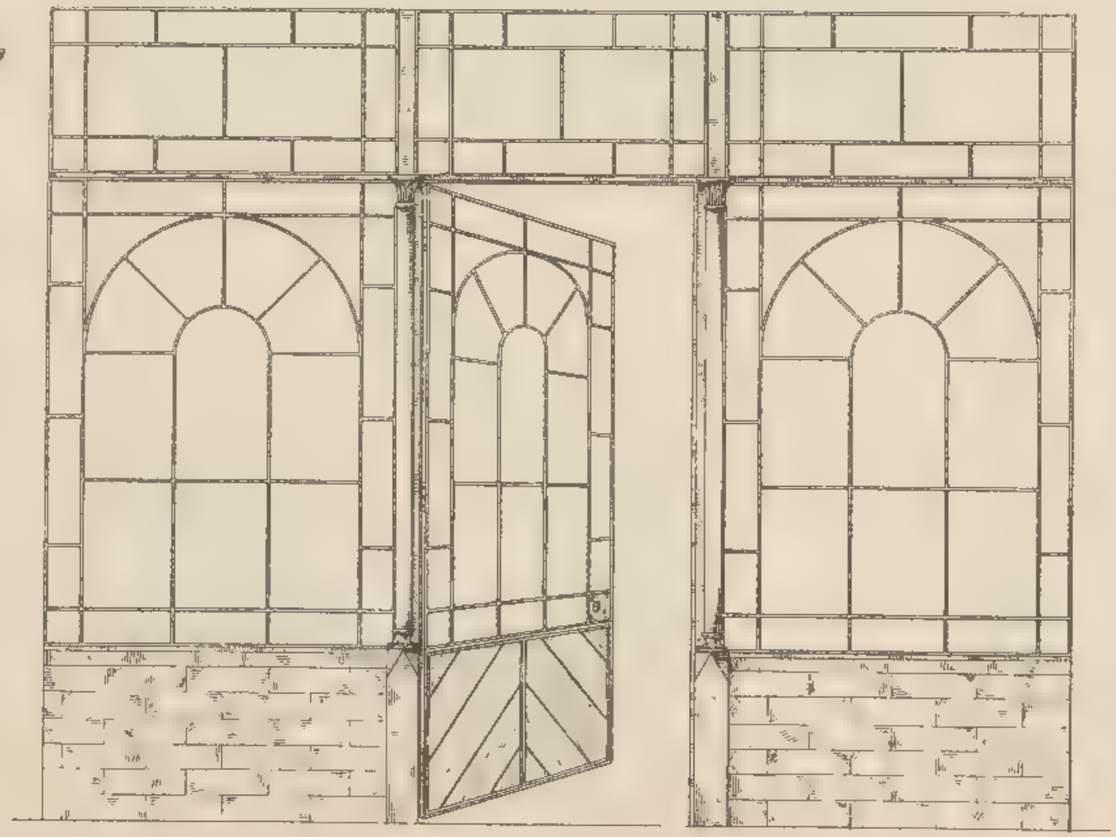
F 164



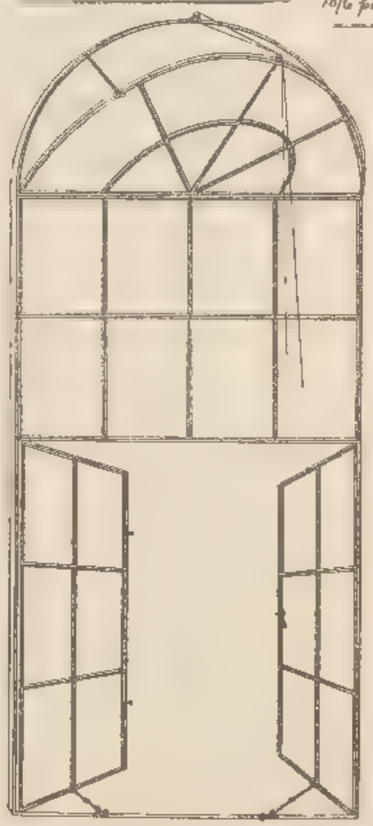
F 165.

Framed Galv'd Iron Louvres with Opening Gear 39/-
Opening Gear only with Pivots for Wood Louvres 10/6 per set.

F 166 £6 16 0

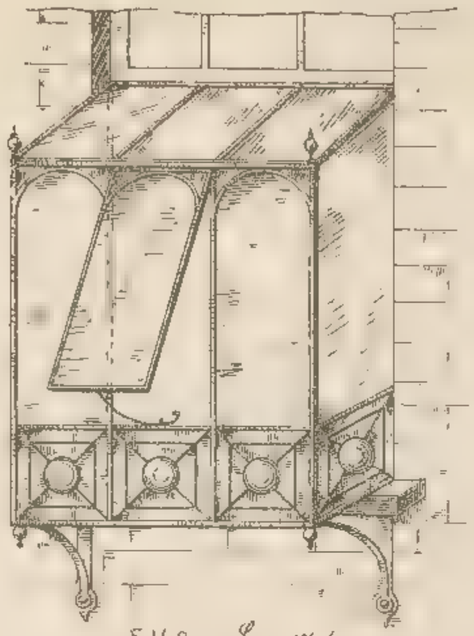


F 168

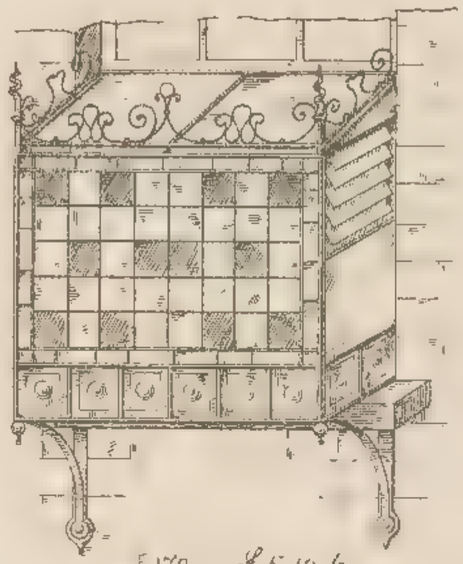


F 167. £3. 12 6

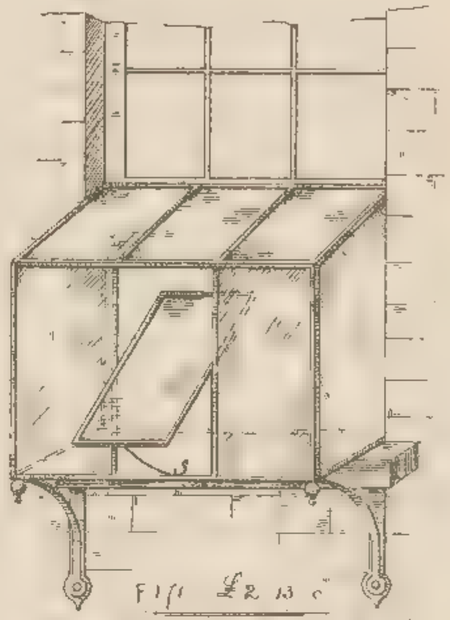
Designs priced are to a scale of ½-in.=1-ft. Prices of other sizes and designs on receipt of requirements.



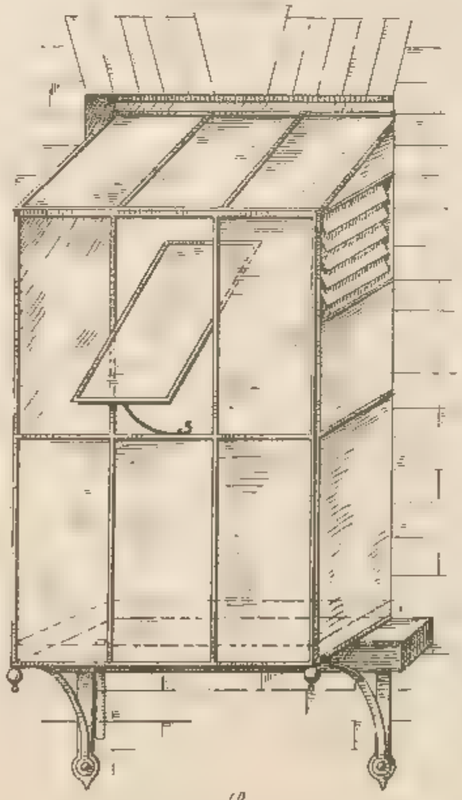
F169 £4.17 6



F170. £5 10 6

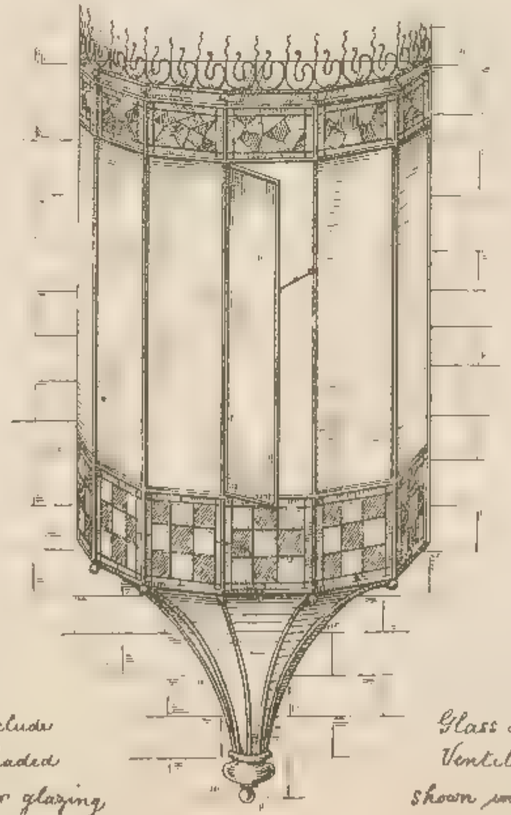


F171 £2 13 6



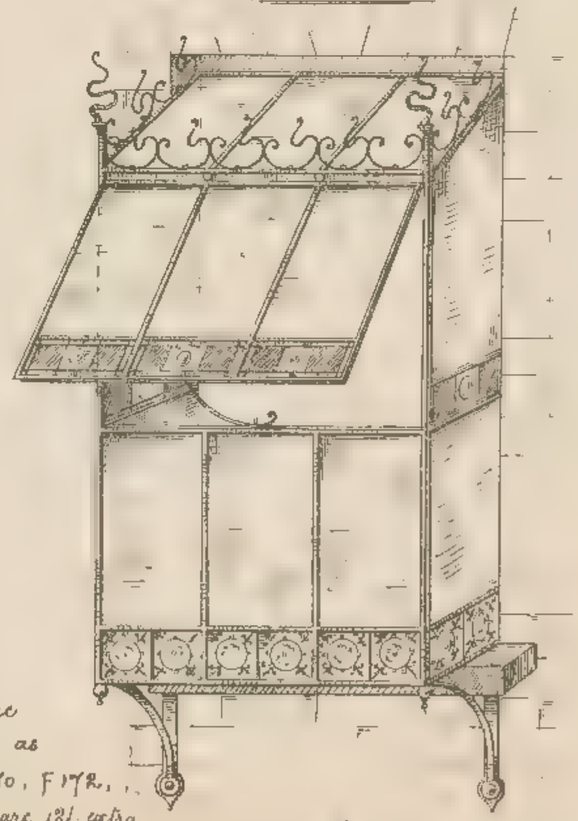
F172 £3 16. 0

Prices include Glass & Leaded Panels for glazing as drawn.



F173
£12 5 6

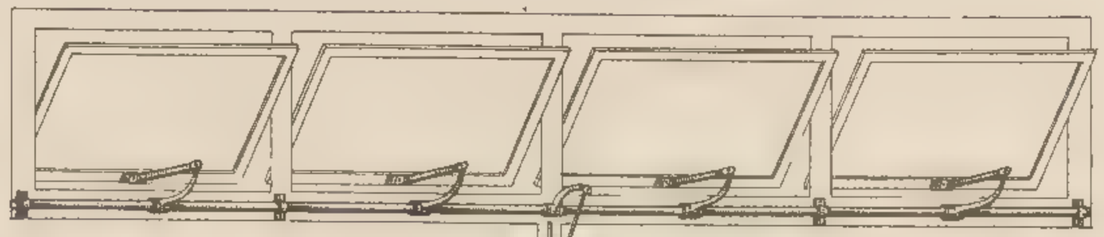
Glass Louvre Ventilators as shown in F170, F172, about 1 ft square 12/ extra



F174 £7. 5 6

Above prices are to a scale of ½-in.=1-ft., but can be made to any size.

OPENING GEAR.



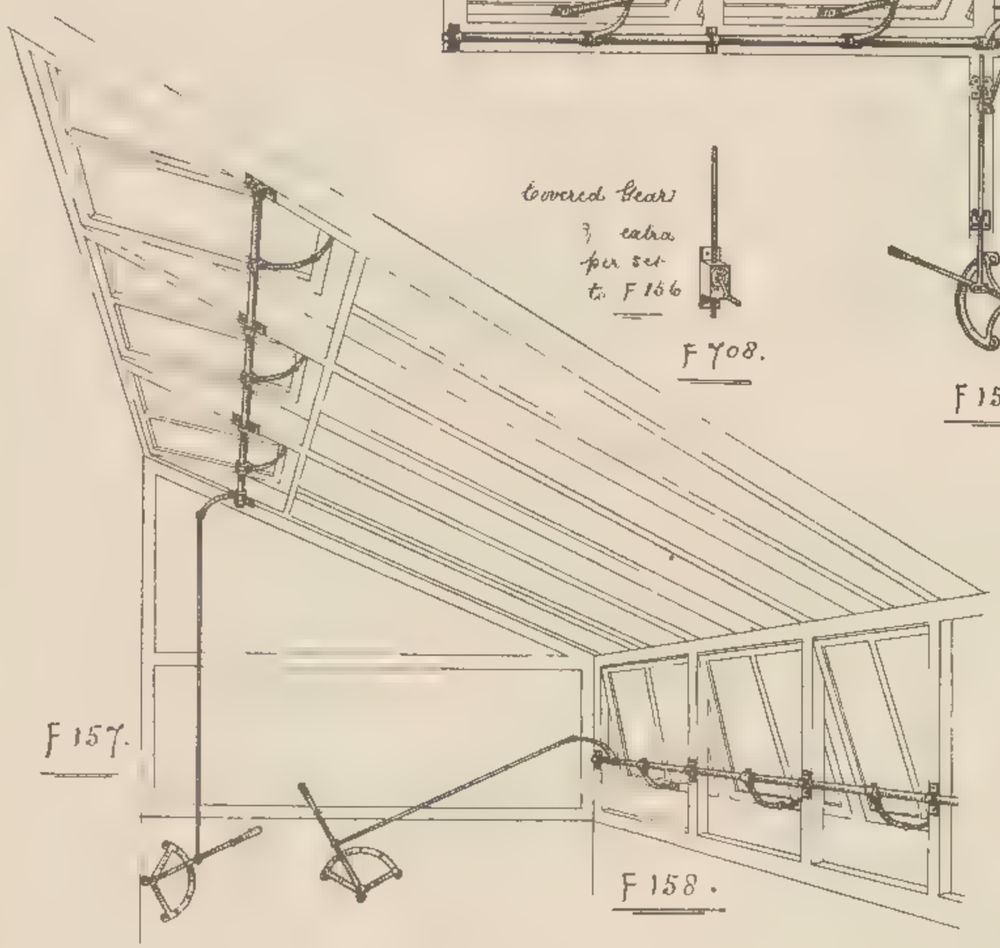
F 156.

Lever Opening Gear for Overhead Lights
to open 3 Lights in Range up to 9 feet 21/-
" 4 " " " " 12 " 24/6
per set.

Covered Gear
3/ extra
per set
to F 156

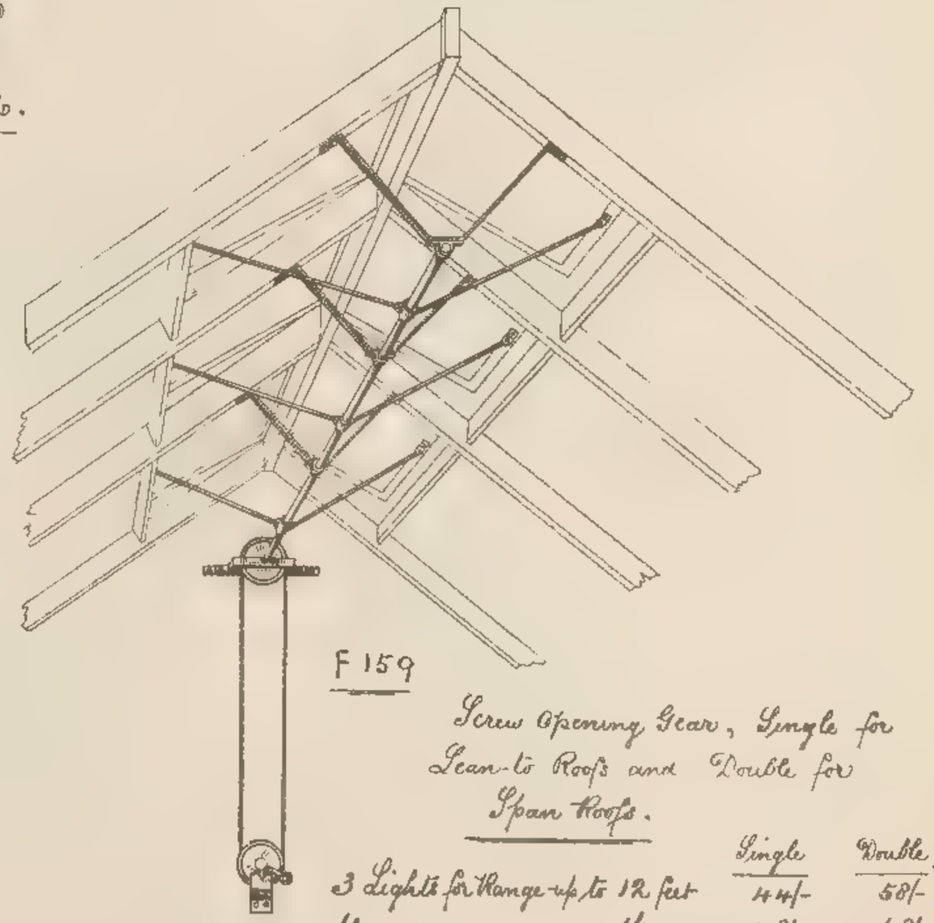
F 708.

F 156.



F 157.

F 158.



F 159

Lever Opening Gear for Top Lights F 157.
or Front Lights F 158.

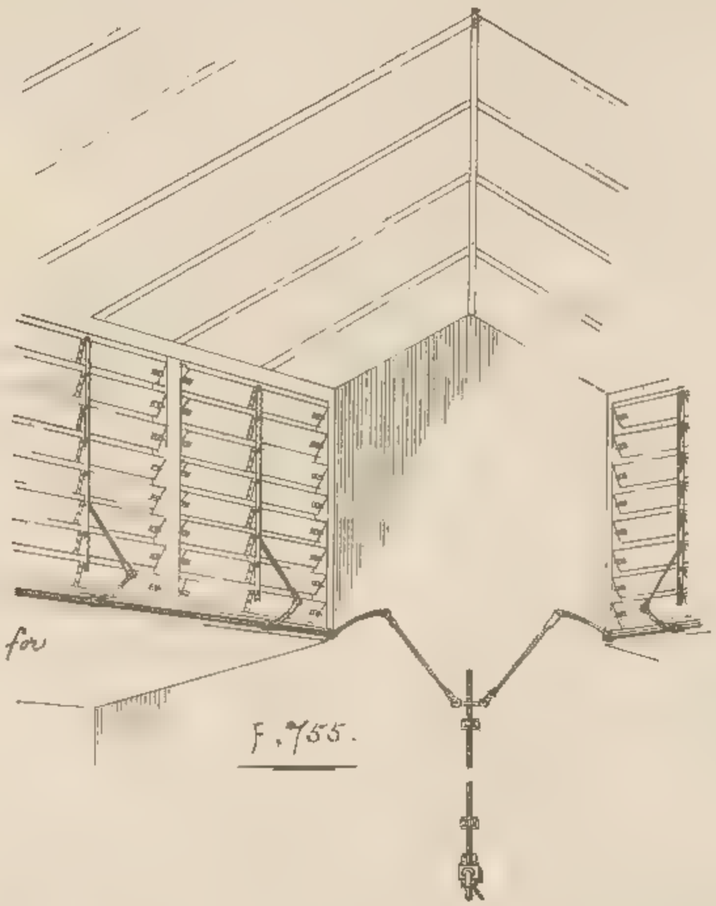
to open	3 Lights	in Range	up to	12 feet	22/- per set
"	4 "	"	"	16 "	26/- "
"	5 "	"	"	20 "	31/- "

Screw Opening Gear, Single for
Lean-to Roofs and Double for
Span Roofs.

	Single	Double
3 Lights for Range up to 12 feet	44/-	58/-
4 " " " " 16 "	48/-	68/-
5 " " " " 20 "	52/-	78/-
	per set.	

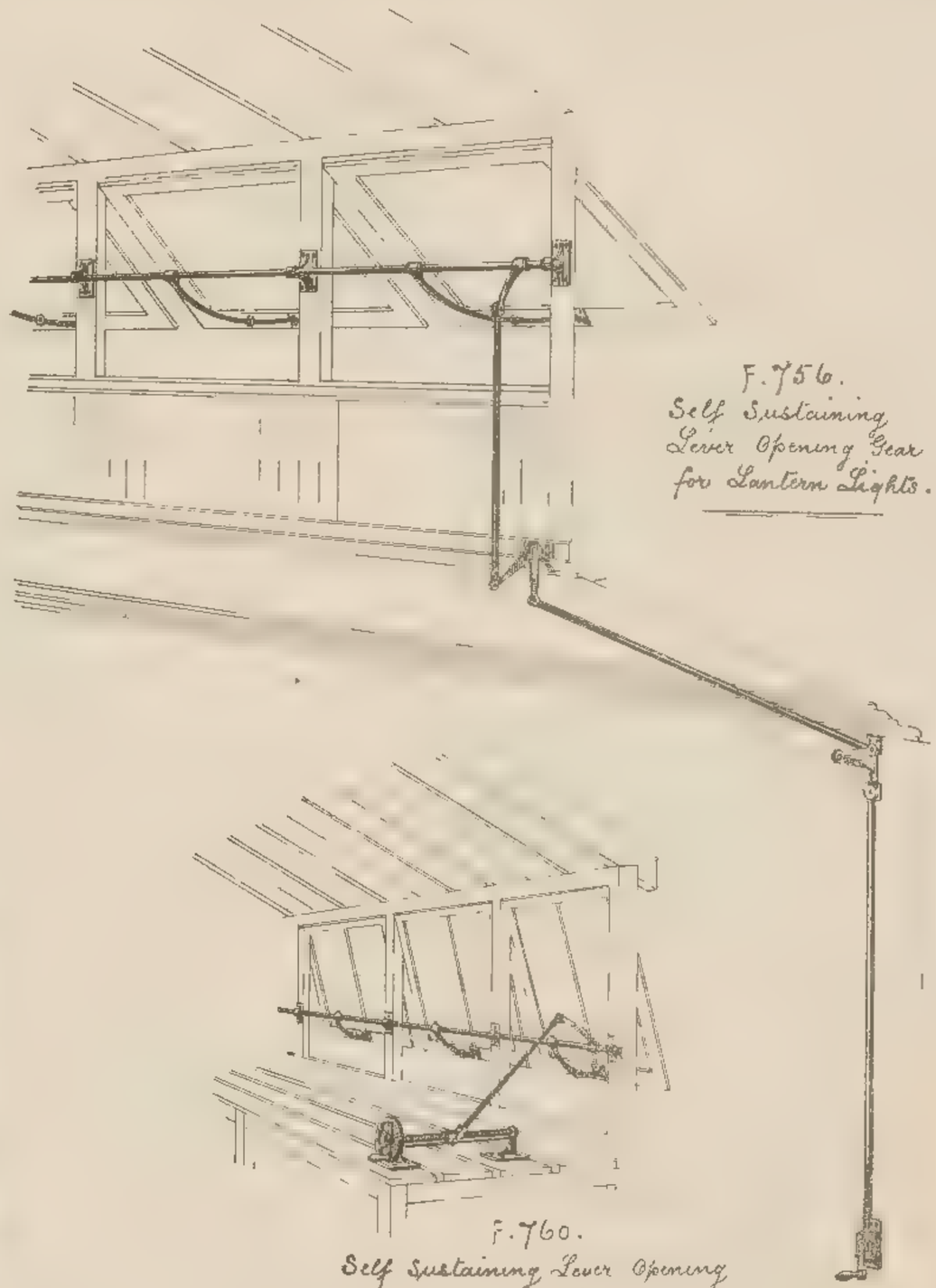
Estimates and details of Special Gear for opening Ventilators simultaneously in any position sent on receipt of requirements.

OPENING GEAR.

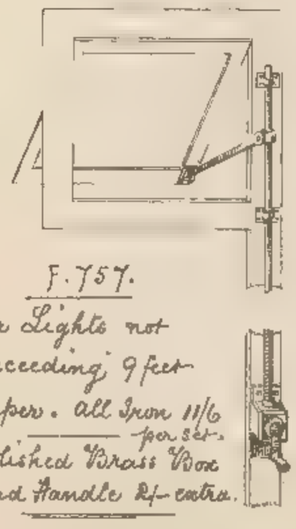


Self Sustaining Opening Gear for Louvres.

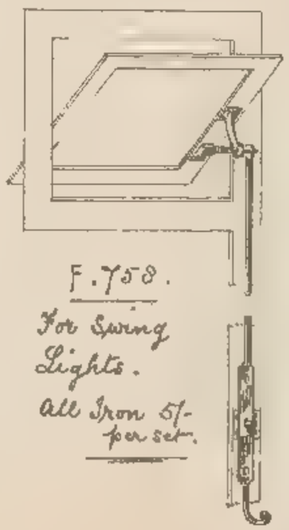
F.755.



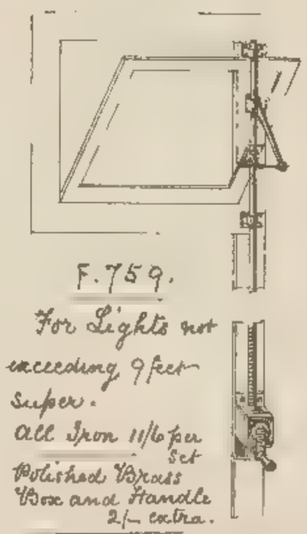
F.756.
Self Sustaining Lever Opening Gear for Lantern Lights.



F.757.
For Lights not exceeding 9 feet super. All Iron 11/6 per set. Polished Brass Box and Handle 2/- extra.



F.758.
For Swing Lights.
All Iron 5/- per set.

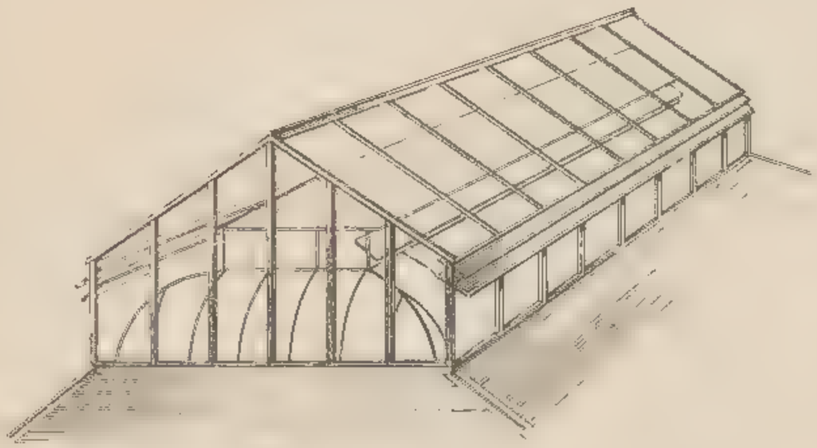


F.759.
For Lights not exceeding 9 feet super.
All Iron 11/6 per set
Polished Brass Box and Handle 2/- extra.

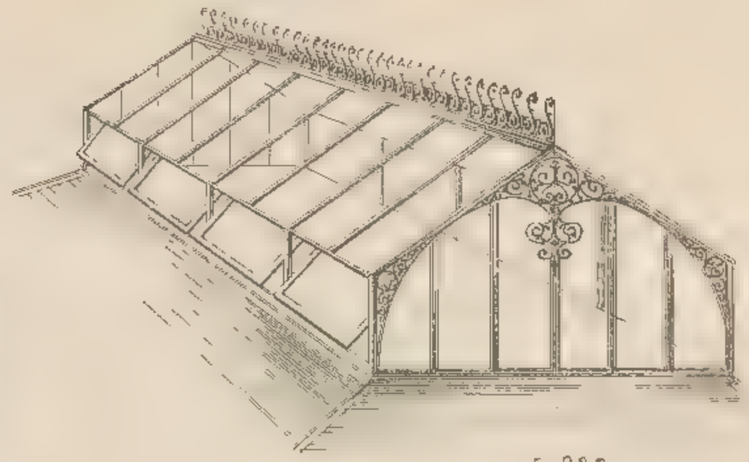
Above prices are with Rods not exceeding 6 ft long.

F.760.
Self Sustaining Lever Opening Gear for Front Lights.

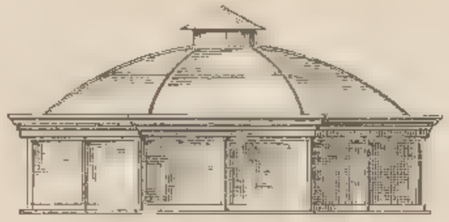
Estimates and details of Special Gear for opening Ventilators simultaneously in any position sent on receipt of requirements.



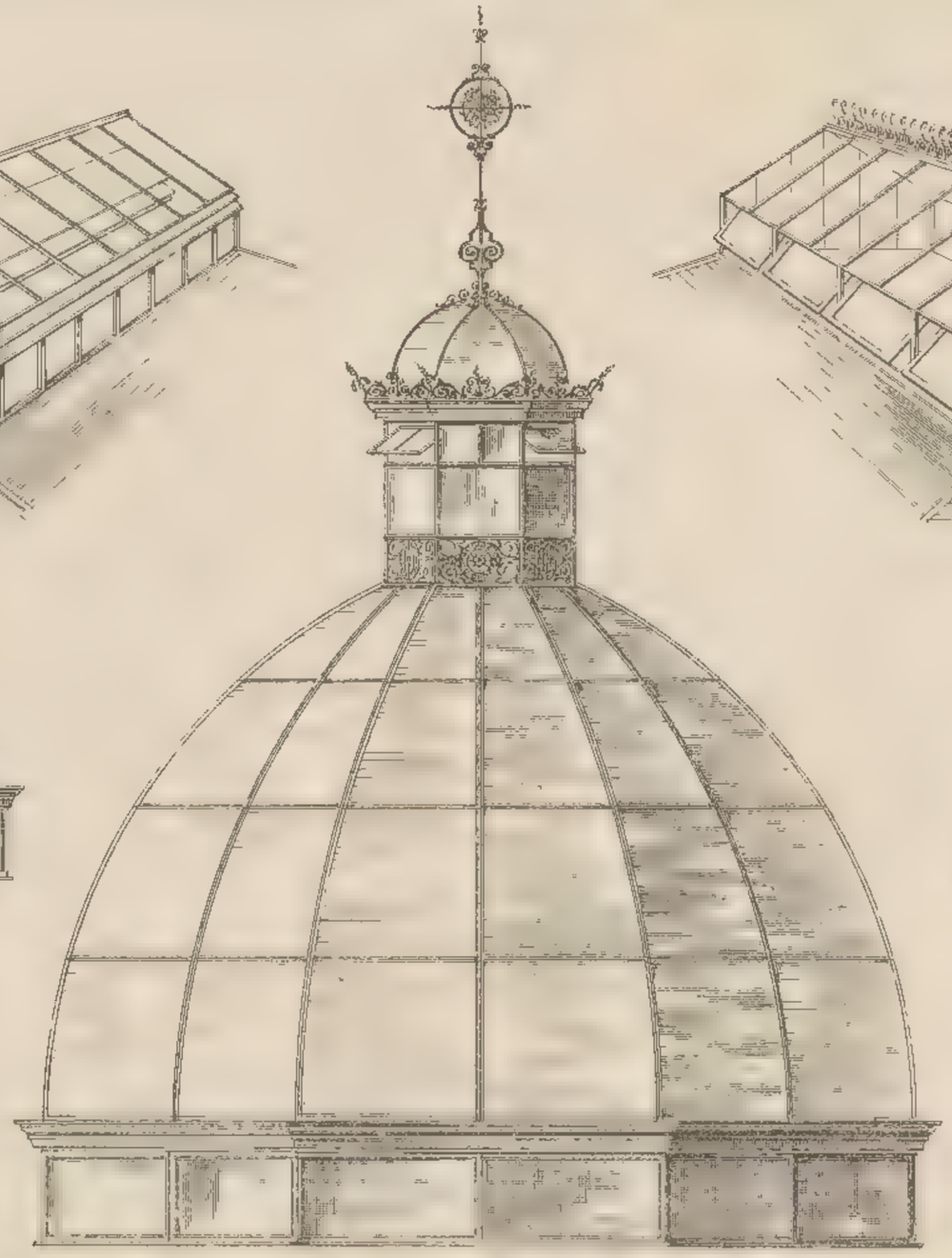
F 821.
Ventilated Lantern Light with inside Roof of Leaded Glass. for Billiard Rooms &c.



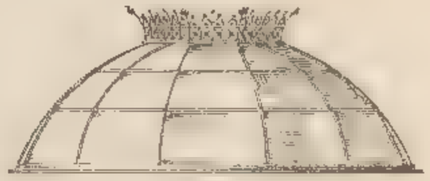
F 822
Ventilated Lantern Light for Show Rooms, Restaurants &c.



F 823
Octagon Light
£11. 0 0 to £13 0 0

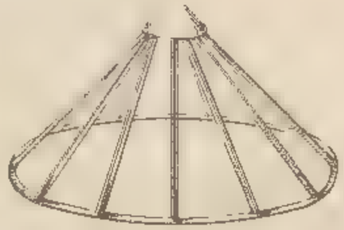


F. 827
Dome Lights for 10 to 20 feet diameter.



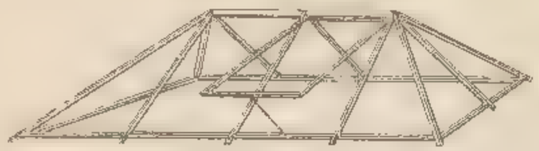
F 824
Circular Light
£0 0 0 to £11. 0. 0

F 825.
£2.10 0 to £3 10. 0

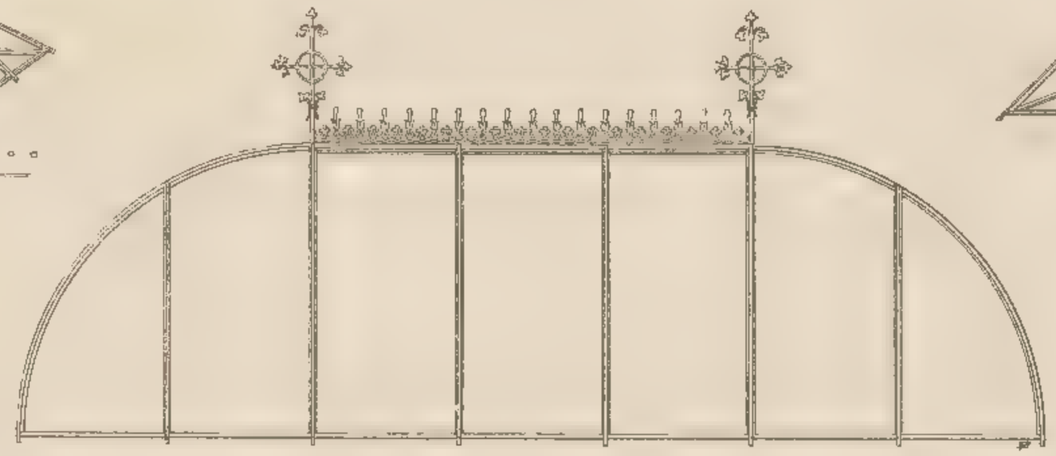


F 826
£2 10 0 to £3 10 0

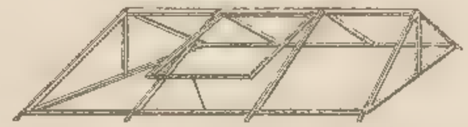
Above prices are to a scale of ⅜-in.=1-ft., but can be made to any measurements.



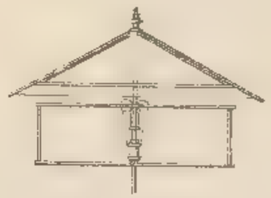
No F 178 £2 10 s to £3 0 s



No F 182

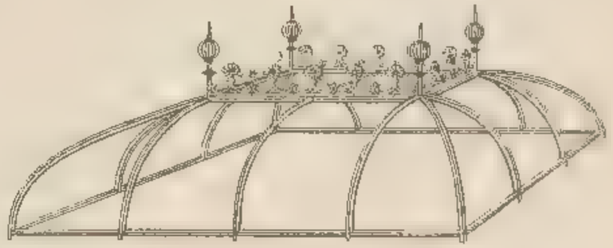


No F 177
£2 5 s to £2 15 s

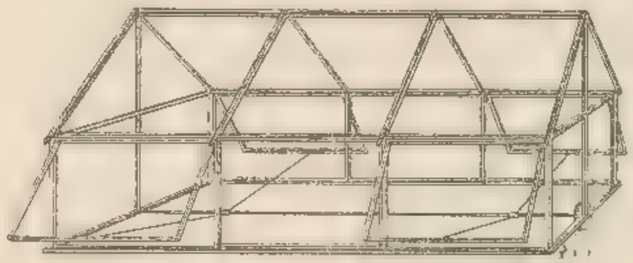


No F 176
£3 0 s to £4 0 s

No F 175
Square Hipped Roof Light
8 Panes 18 to 21
Smaller size 4 Panes 12, to 16.

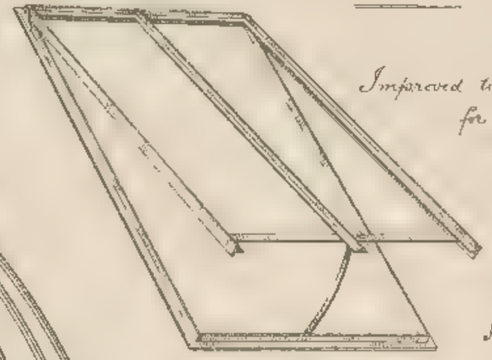


No F 181 £4 10 s to £6 0 s



No F 179 £7 0 s to £9 0 s

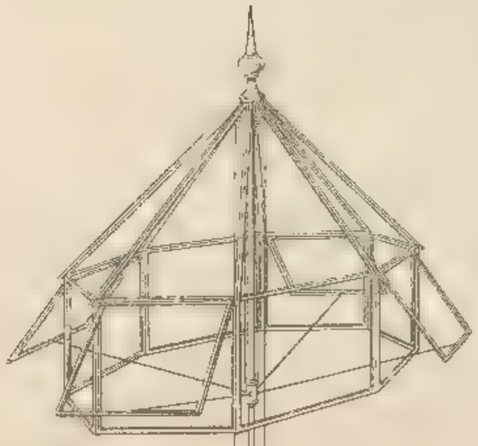
No F 183.



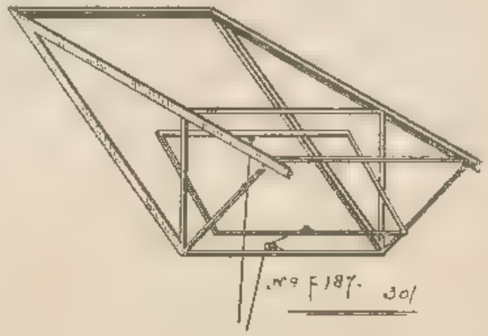
Improved cast Iron Skylights for Glazed Roofs.

18" x 12" x 1 Pane	11/6
24" x 16" x 2	13/6
30 x 18" x 2 "	15/
36 x 24 x 2 "	18

No F 184.



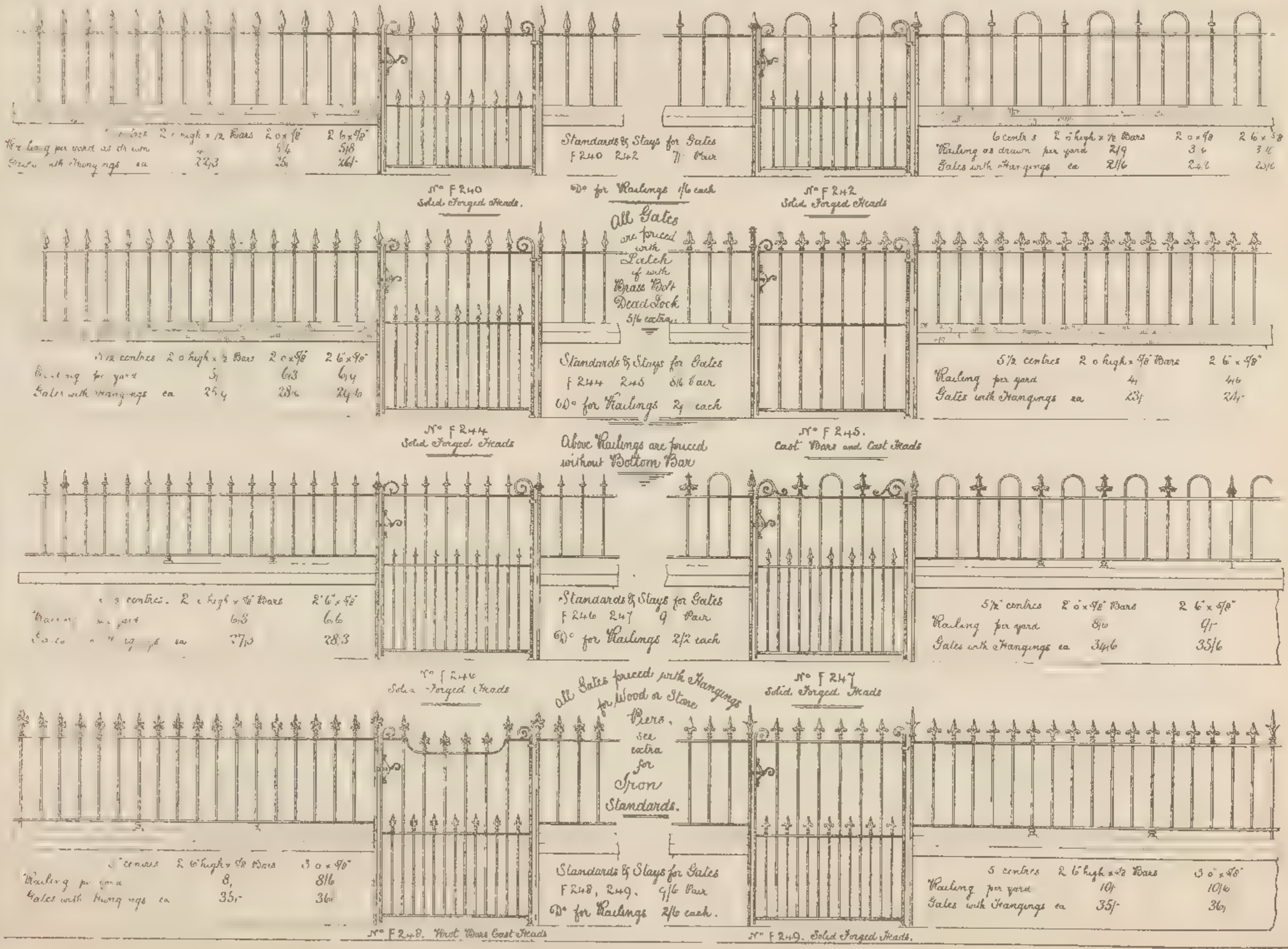
No F 180 £6 0 s to £8 0 s



No F 187. 30/

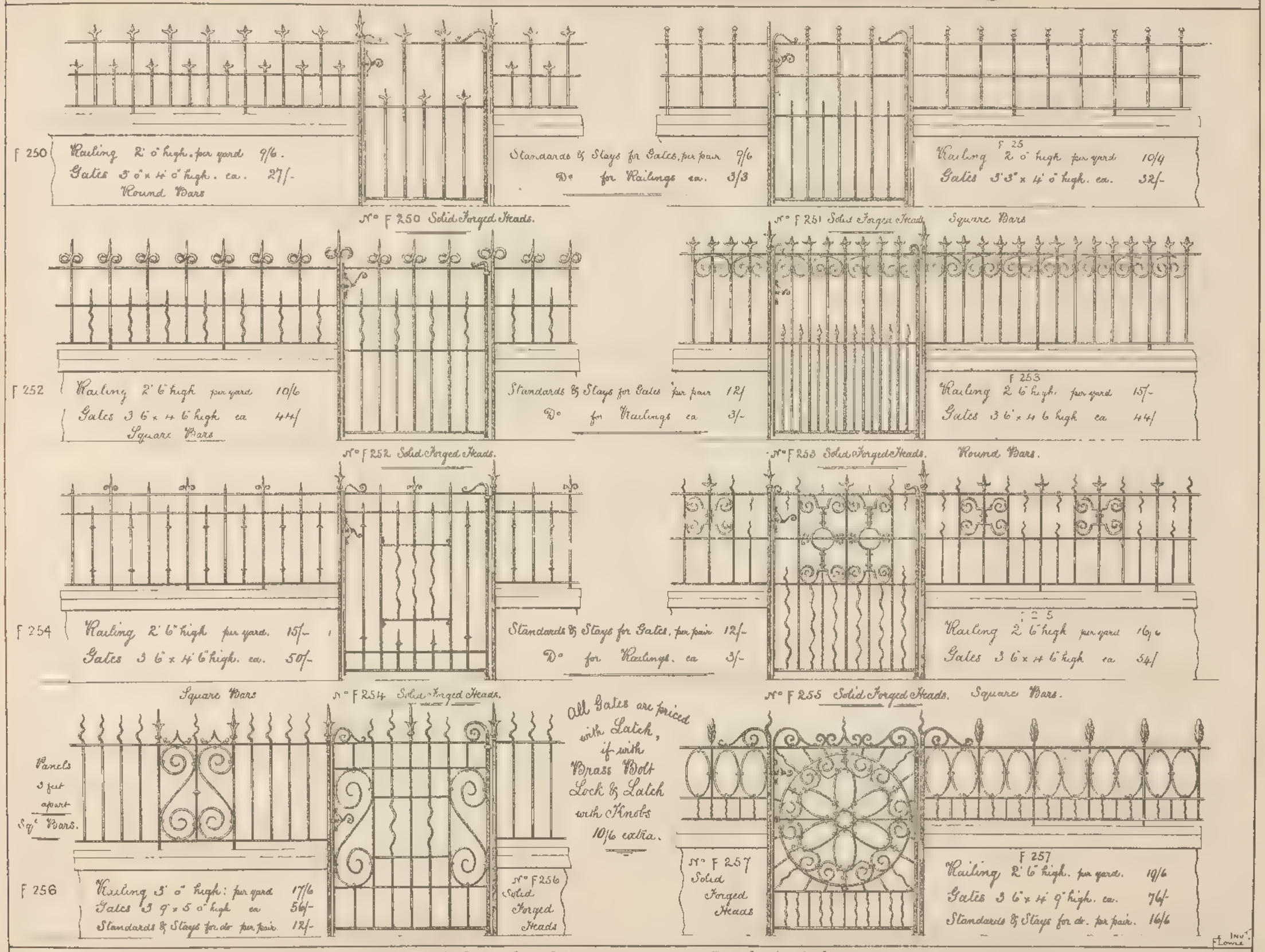
Above prices are to a scale of ⅜-in.=1-ft., but can be made to any measurements.

Wrot Iron Single Gates, Standards and Railings.



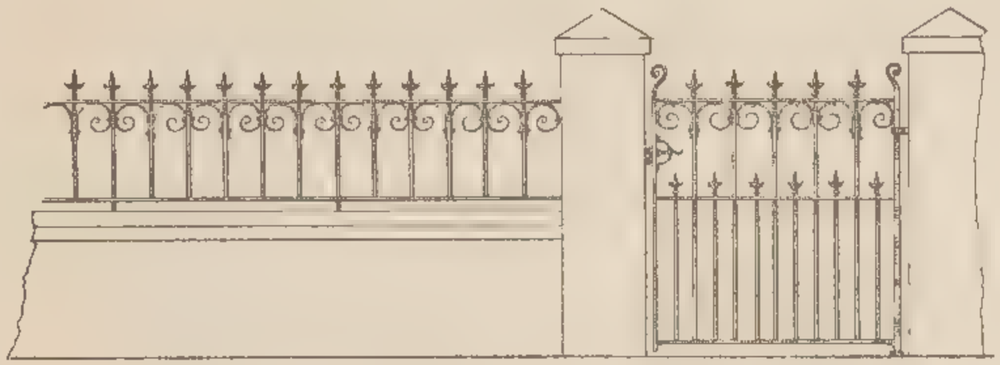
Above prices are for a scale of ⅜-in.=1-ft., but can be made to any measurements. Special prices for large quantities on receipt of specification.

Wrot Iron Single Gates, Standards and Railings.

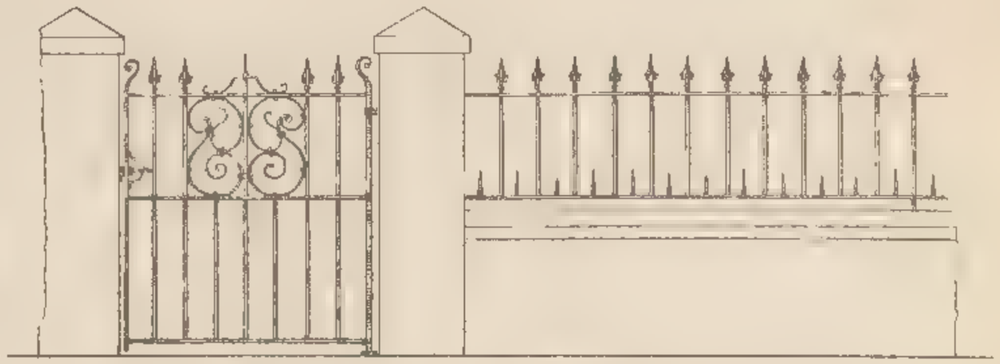


Above prices are for a scale of ⅜ in. = 1-ft, but can be made to any measurements. Special prices for large quantities on receipt of specification.

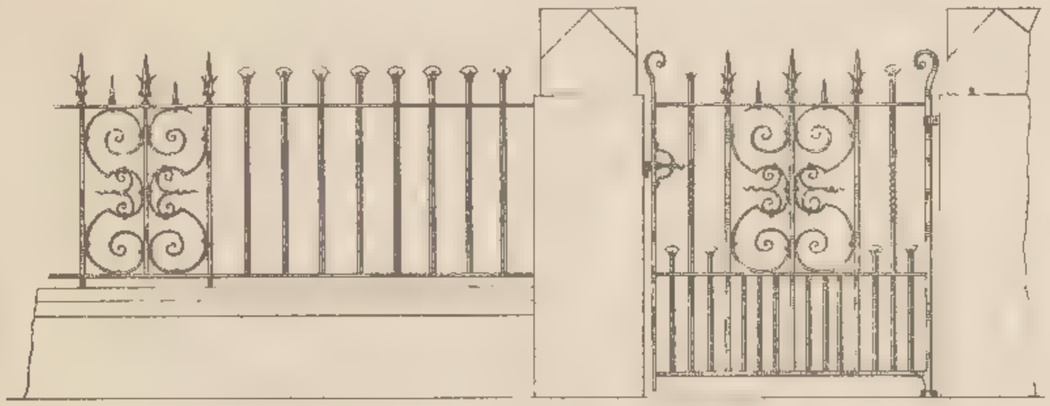
Wrot Iron Single Gates, Standards and Railings.



Railing 2 feet high x 6" centres, 13/6 per yard. F694. Gate £2 1. 6.

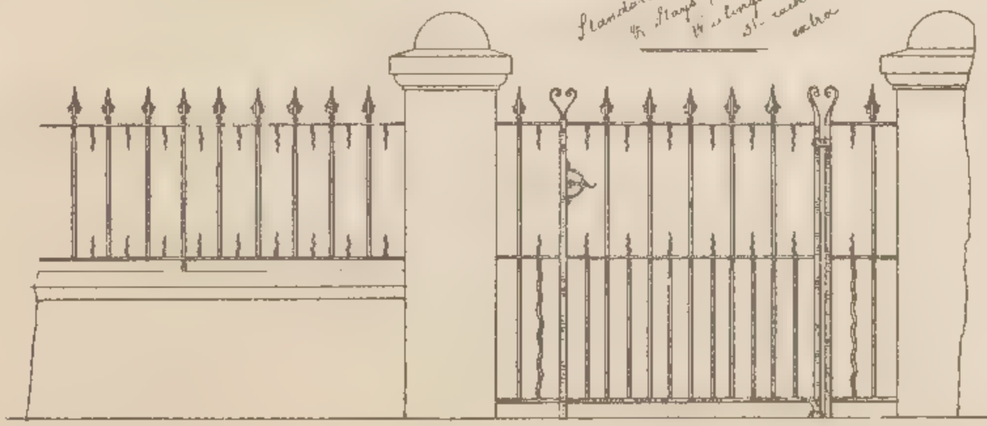


Gate £2 4 0. F695. Railing 2 feet high x 6" centres 11/ per yard.



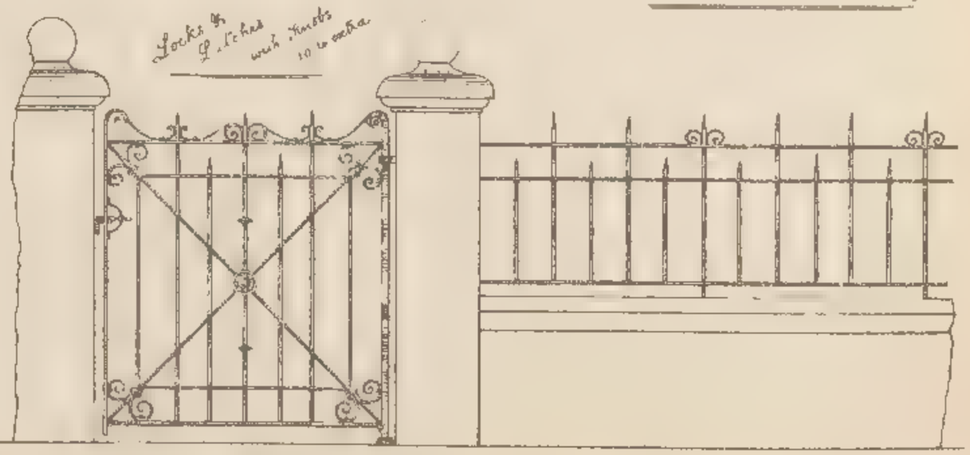
Railing 3 feet high x 6" centres
Panels 3' 6" apart, 17/6 per yard. F696 Gate £3 3 0.

Gate £3 0 0. F697. Railing 2' 3" high x 5" centres
Panels 4 6" apart. 15/6 per yard.



Standards & Stays for Hinge 31/ each extra

Railing 2' 6" high x 6" centres, 14/6 per yard. F698. Gate with Pilasters & Stays £2. 18. 0.

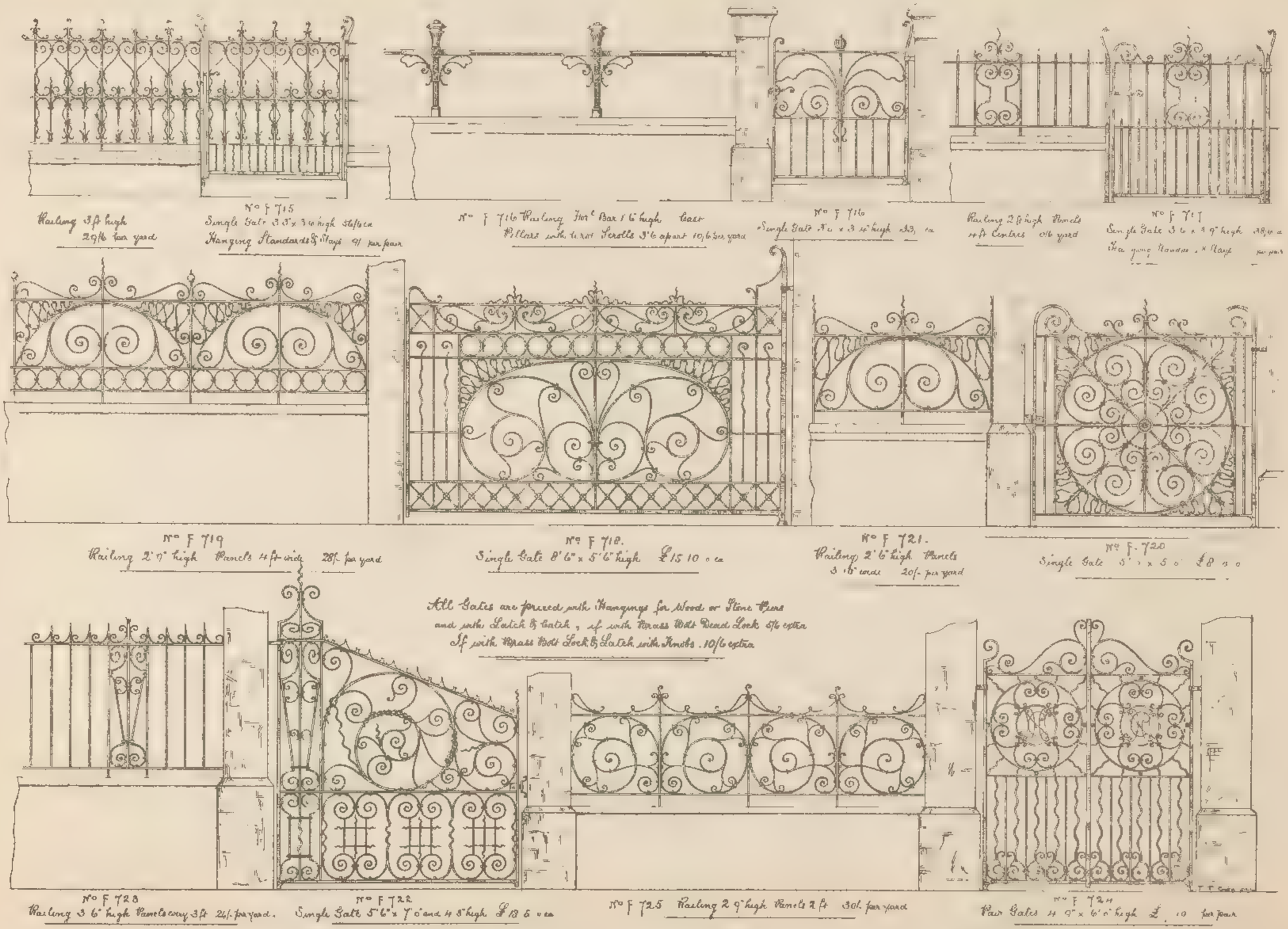


Locks & Latches with knobs 10/ extra

Gate £3 0 0. F699. Railing 2 6" high x 6 centres, 10/6 per yard.

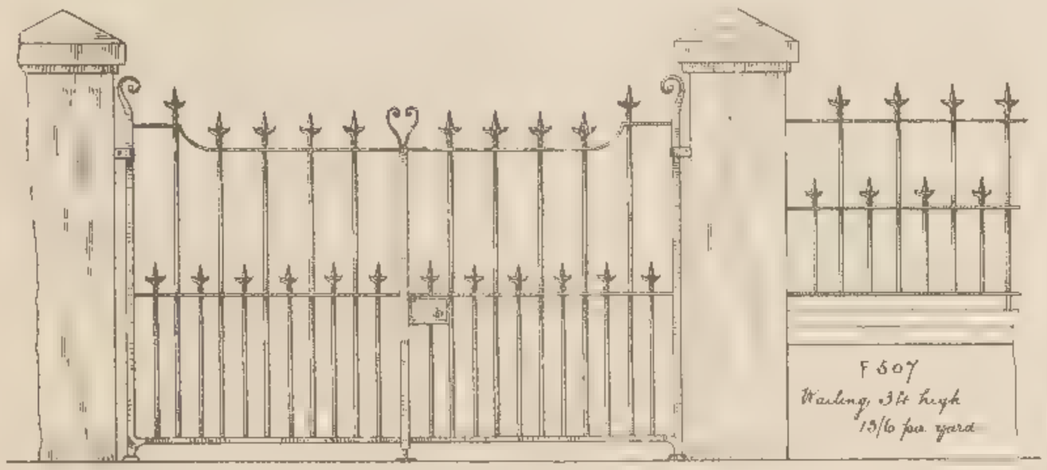
Above prices are for a scale of ⅜-in.=1-ft., but can be made to any measurements. Special prices for large quantities on receipt of specification.

Wrot Iron Entrance Gates and Railings.



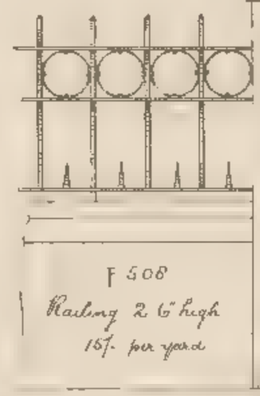
When sizes are not stated prices are to scale of ⅜-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification

Wrot Iron Entrance Gates and Railings.

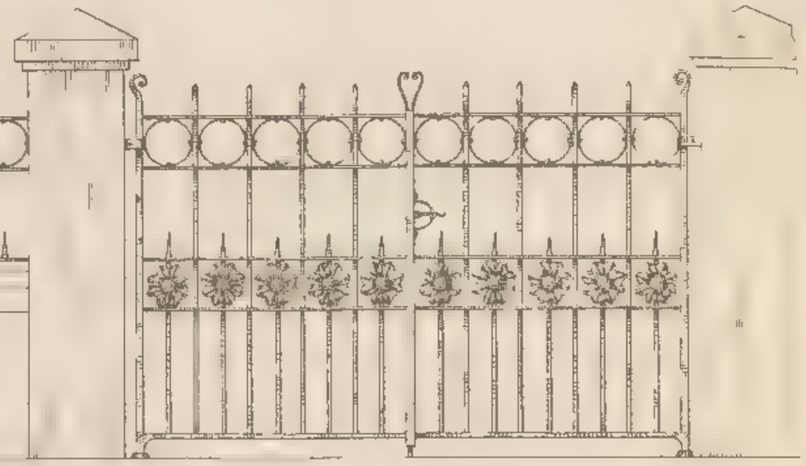


F 507. Solid Forged Heads.
7' 6" x 5' 0" 3/4 Bars £4 17 0

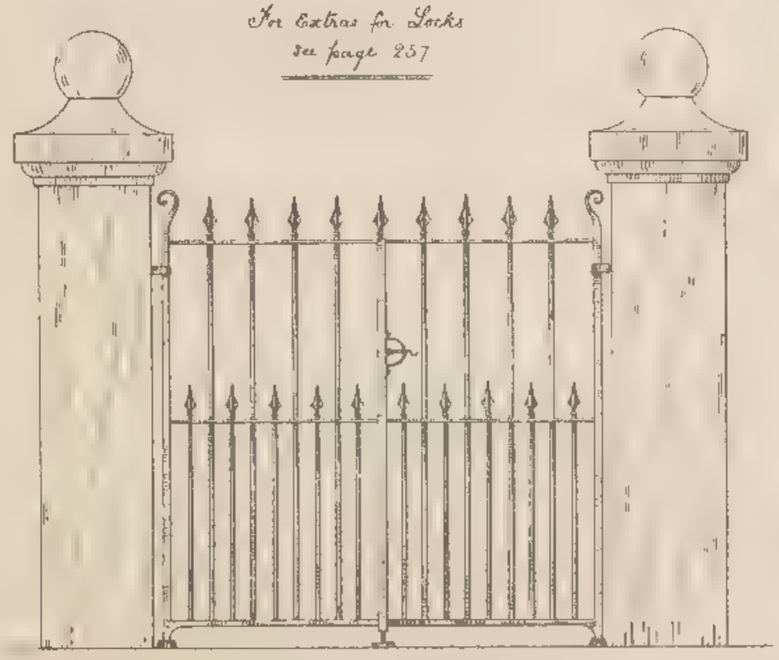
F 507
Railing, 3ft high
13/6 per yard



F 508
Railing 2 6" high
15/- per yard

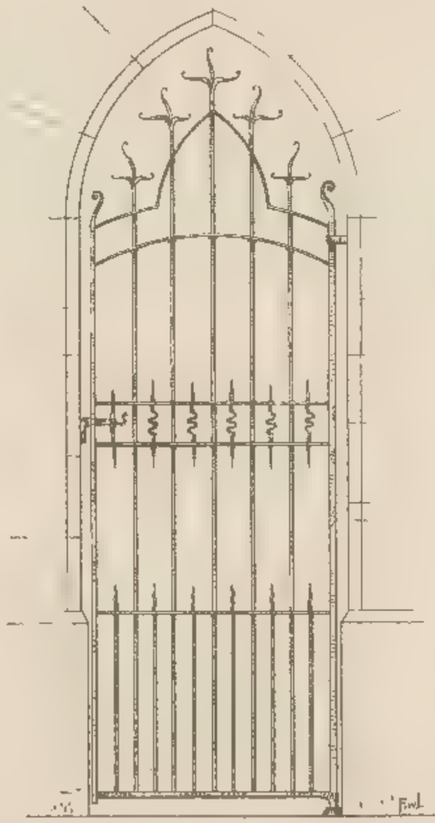


F 508. Solid Forged Heads
7' 6" x 5' 0" £8 16 0 per Pair
9' 0" x 5' 0" £10. 8. 0 — —

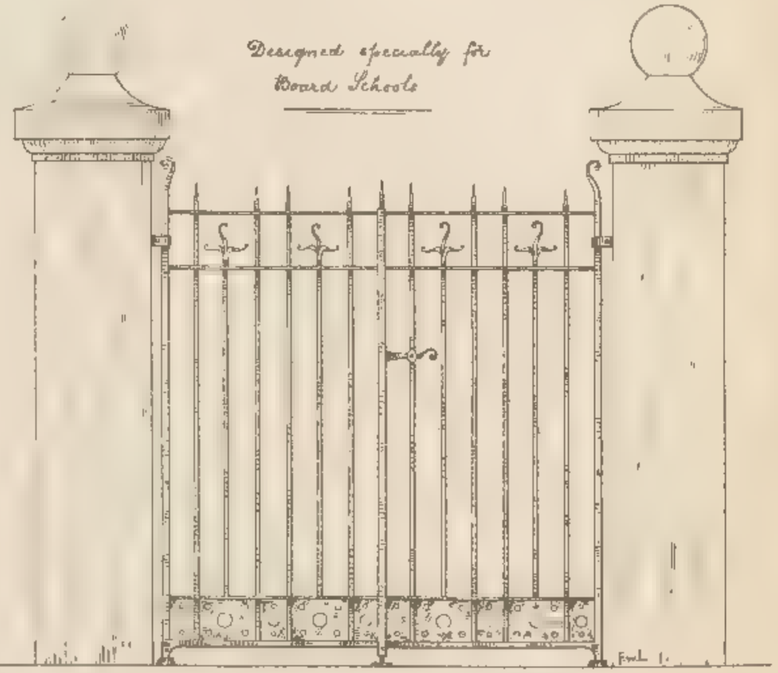


For Extras for Locks
see page 257

F 509. Solid Forged Heads
6' 0" x 6' 0". £3 12. 6 per Pair
Single Gate 3ft x 6ft £1 16 6



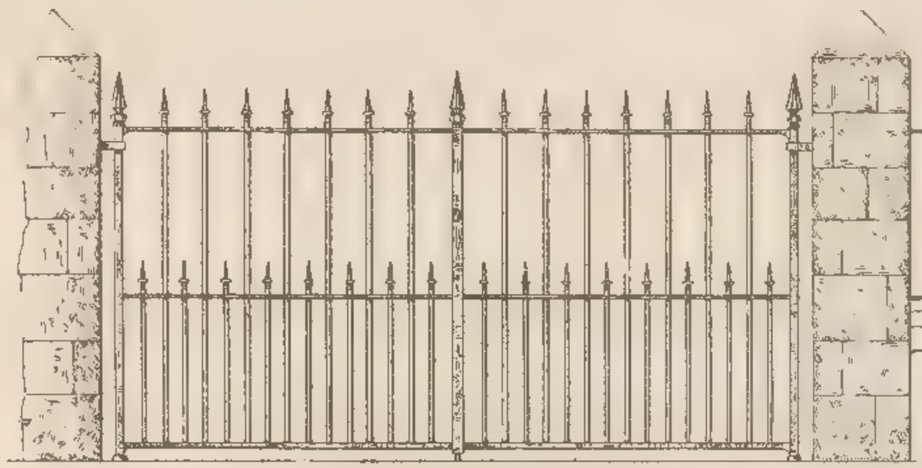
F 510.
Solid Forged Heads.
3' 6" x 10' 3" £6 4. 0



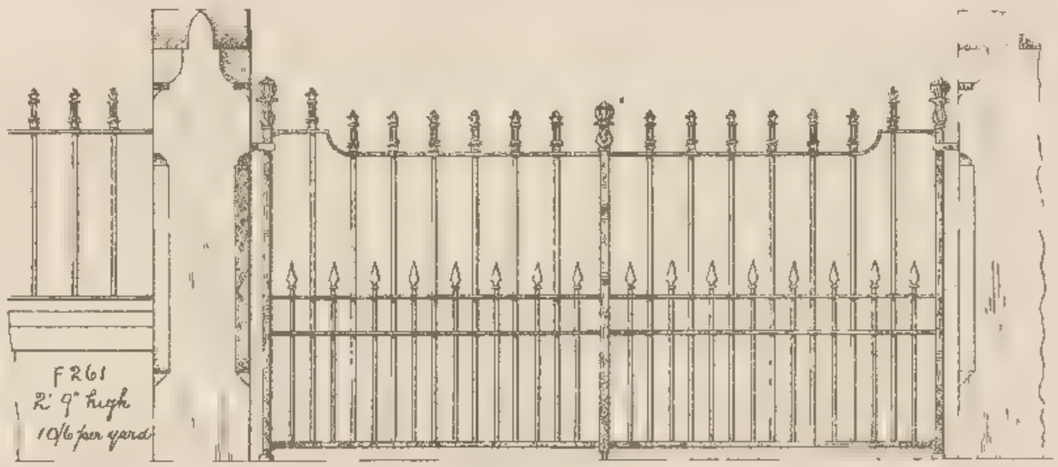
Designed especially for
Board Schools

F 511 Solid Forged Heads
6' 0" x 6' 6" high. £5 3. 6 per Pair
Single Gate 3ft x 6 6" high £2 13 0

When sizes are not stated prices are to scale of ⅜-in. 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.



F 260
2' 9" high
8/3 per yard

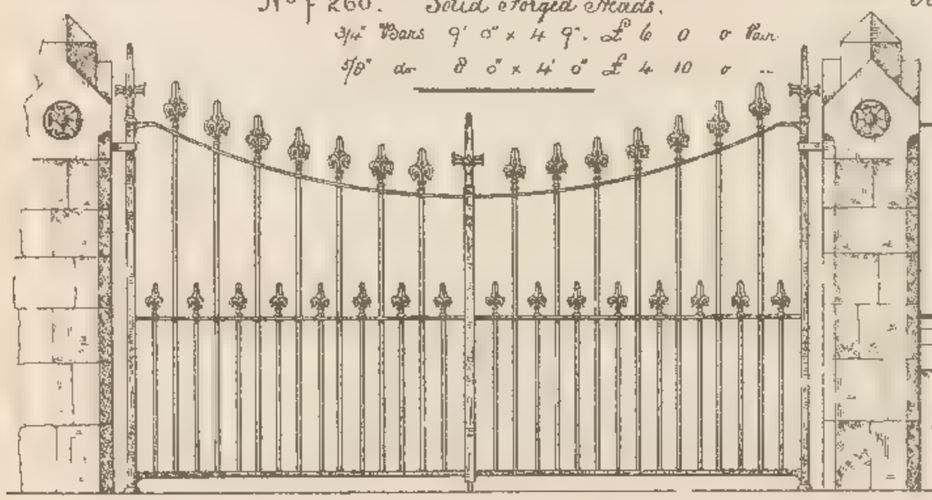


F 261
2' 9" high
10/6 per yard

N° F 260. Solid Forged Heads.
3/4" Bars 9' 0" x 4' 9". £ 6 0 0 Pair
5/8" do 8' 0" x 4' 0" £ 4 10 0 --

Standards & Stays for Railings,
F 260. 261. 262. 263. 3/- each
D° for 264. 265. 3/6 --

N° F 261 Cast Heads 9' 0" x 4' 9" x 3/4" Bars £ 6. 18 6 Pair.
D° -- -- 8' 0" x 4' 3" x 5/8" do £ 5. 10 0 ---



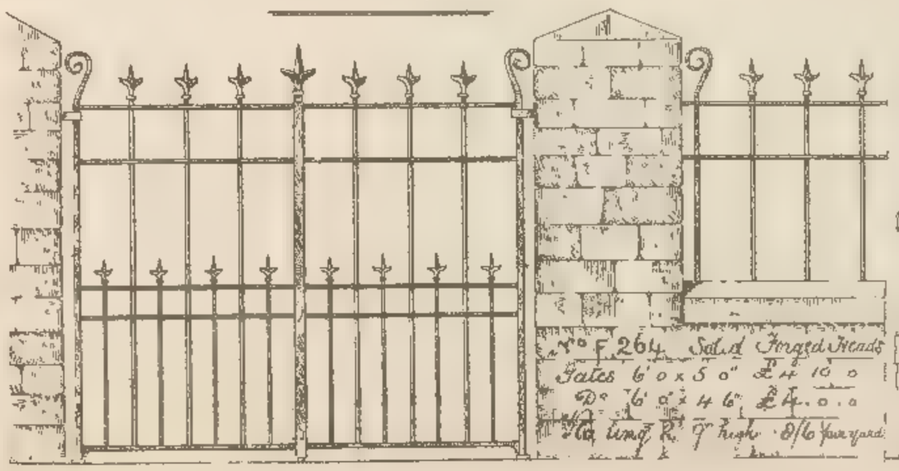
N° F 262
3' 0" high
10/6 per yard

N° F 263
2' 6" high
13/- per yard.

N° F 262. Cast Heads
9' 0" x 5' 3" x 3/4" Bars £ 6. 10. 0 Pair
8' 0" x 5' 0" x 5/8" do £ 5. 0 0 --

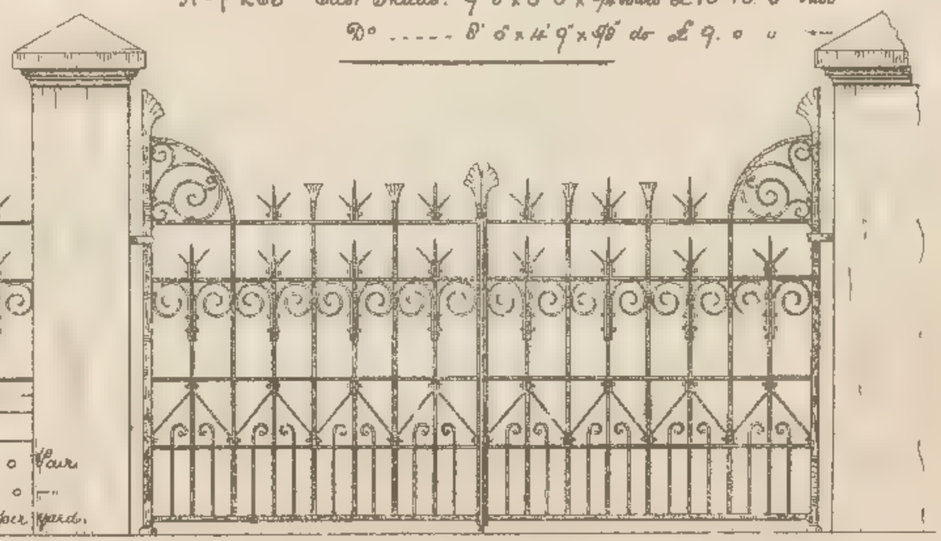
Extra for Pass Bolt
Lock Latch and Iron
Knobs - - - - 14/6.
D° D° and Sham
on other Gate 20/

N° F 263 Cast Heads. 9' 0" x 5' 0" x 3/4" Bars £ 10 10. 0 Pair
D° - - - - - 8' 0" x 4' 9" x 5/8" do £ 9. 0 0 ---



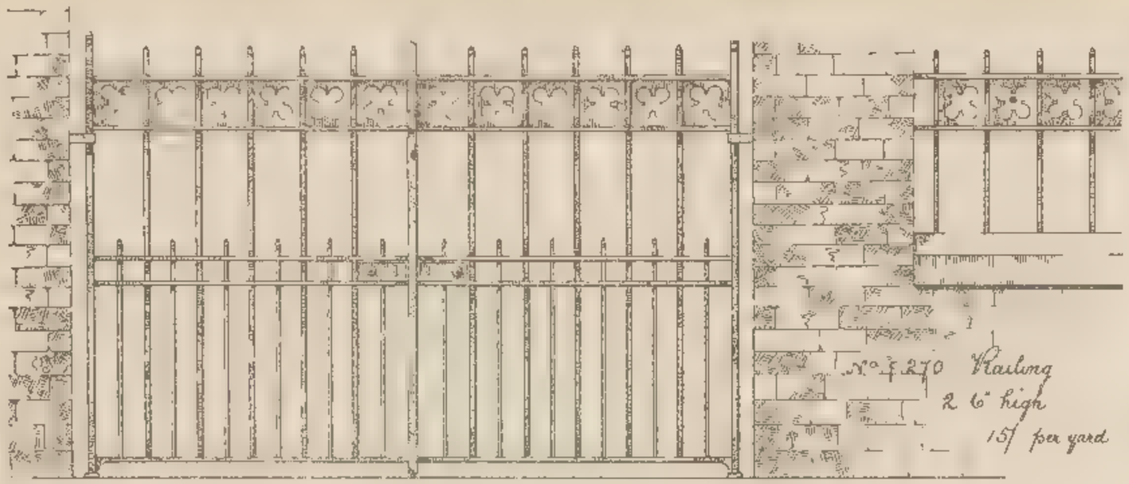
N° F 264 Solid Forged Heads
Gates 6' 0" x 5' 0" £ 4 10 0
D° 6' 0" x 4' 6" £ 4. 0. 0
Railing 2' 9" high 8/6 per yard

N° F 265
Gates 8' 0" x 4' 0" £ 9. 10 0 Pair
D° 9' 0" x 5' 0" £ 11 3 0 --
Railing 2' 9" high 25/- per yard.

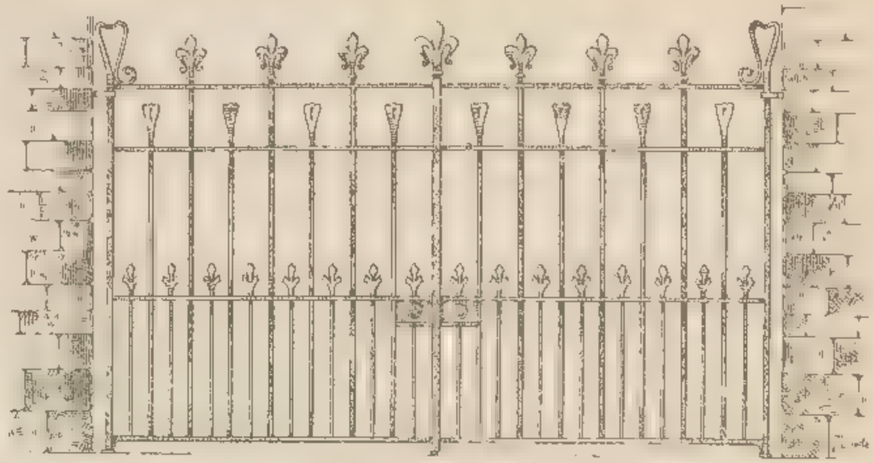


When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any size. *Special prices for large quantities on receipt of specification.*

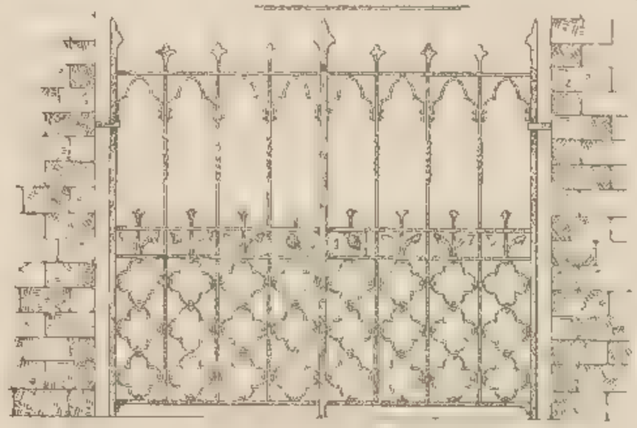
Wrot Iron Entrance Gates and Railings.



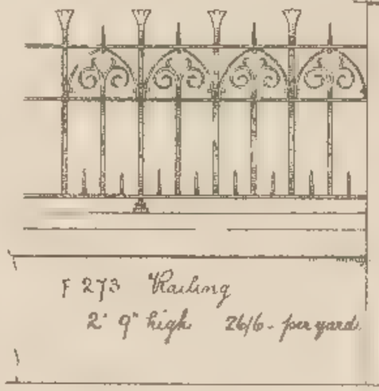
No. F 270 Railing
2' 6" high
15/ per yard



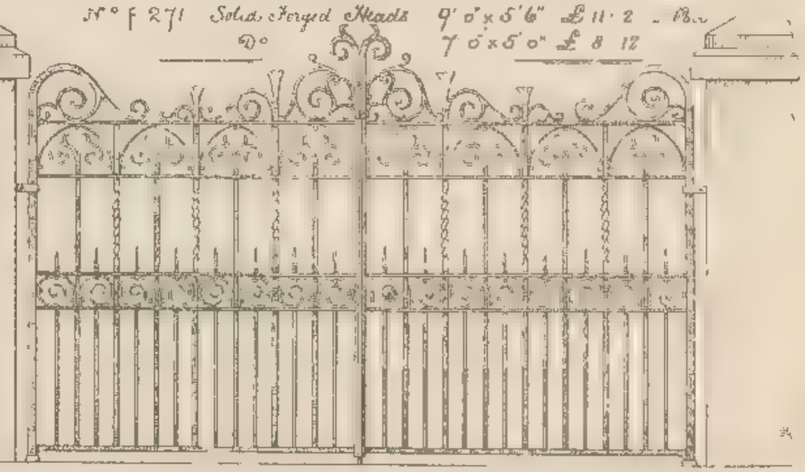
No. F 270 Solid Forged Heads. 9' 0" x 5' 9". £7 2 6 Pair



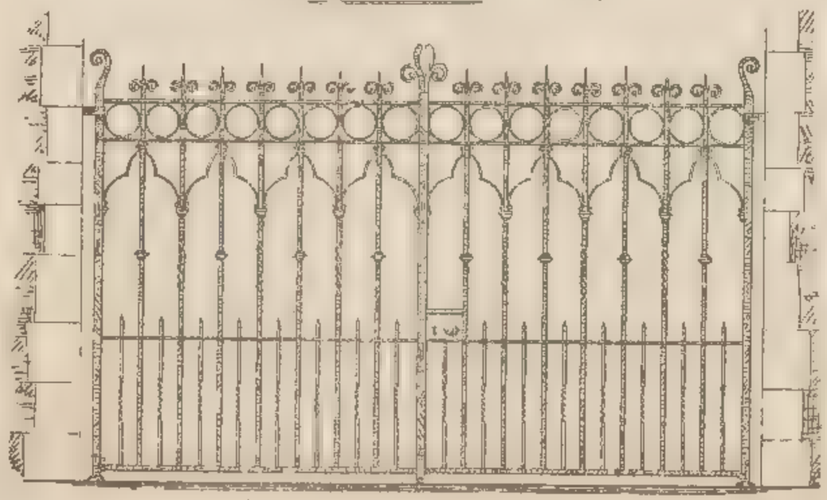
No. F 271 Solid Forged Heads 9' 0" x 5' 6" £11 2 - Pair
Do. 7' 0" x 5' 0" £8 12



F 273 Railing
2' 9" high 26/6 - per yard

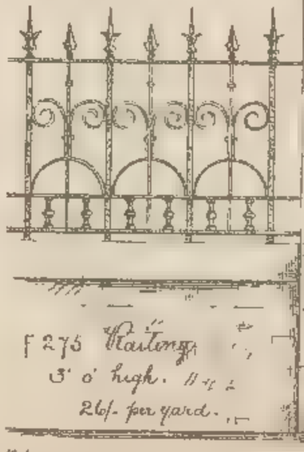


No. F 272 Solid Forged Heads 6' 0" x 5' 0". £7 0 0 Pair



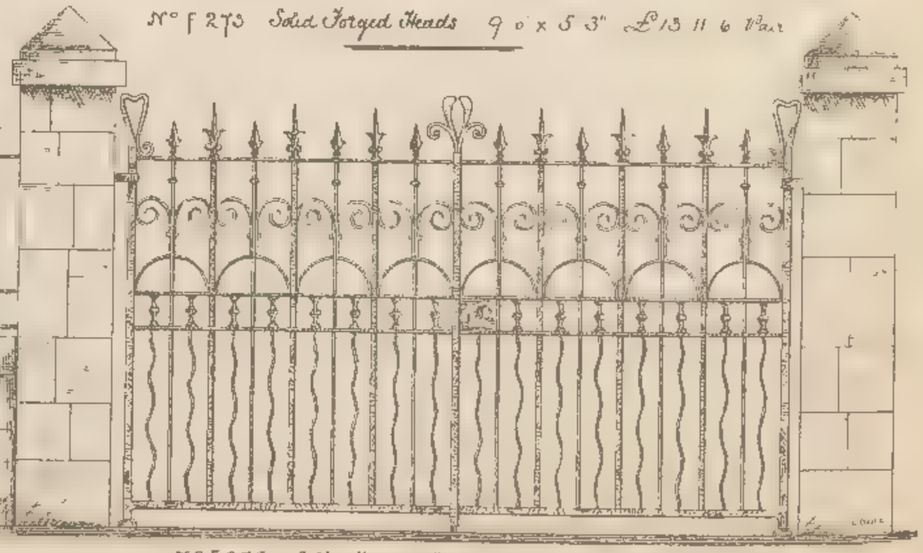
No. F 274 Solid Forged Heads. 9' 0" x 5' 6" £11 0 0. 7' 0" x 5' 0" £8. 12 0. per Pair.

For extra for Locks
see Page 257



F 275 Railing
3' 0" high. 11/ 2
26/- per yard.

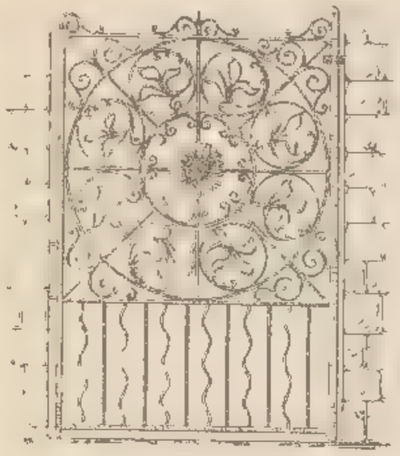
No. F 275 Solid Forged Heads 9' 0" x 5' 9". £9 12 0 Pair



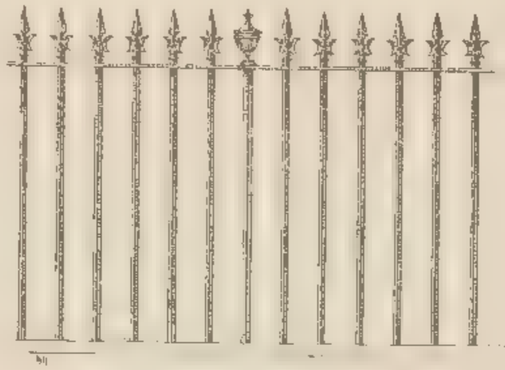
No. F 273 Solid Forged Heads 9' 0" x 5' 3" £13 11 6 Pair

When sizes are not stated prices are to scale of ⅛-in. = 1 foot, but can be made to any size. *Special prices for large quantities on receipt of specification.*

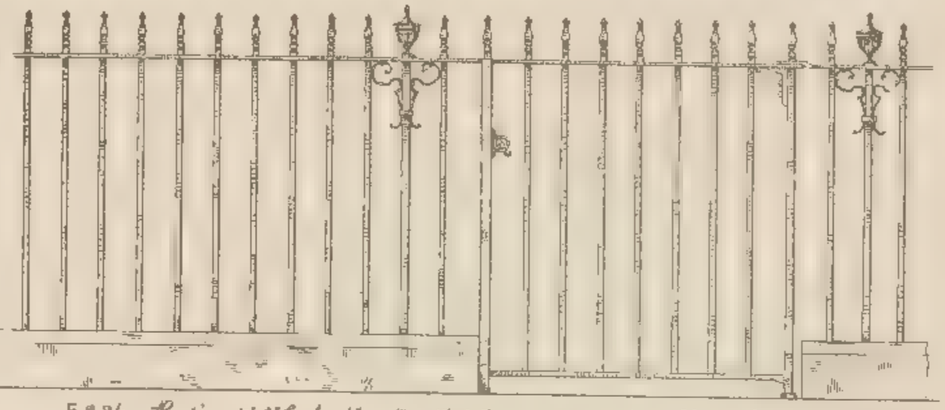
Wrot Iron Entrance Gates and Railings.



No F 280 3' 9" x 5' 9" [illegible]

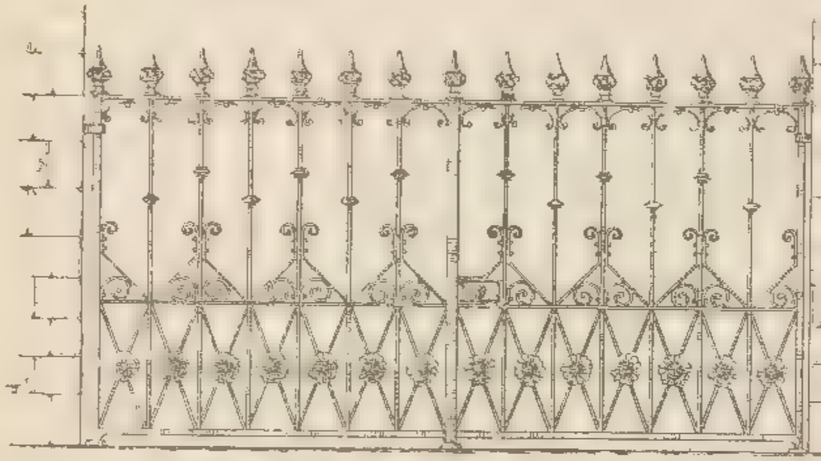


F 287 Railings 4' 3" high x 6" centres, 1/4" Diagonal Bars. Standards & Stays every 6 feet. 18/9 per yard

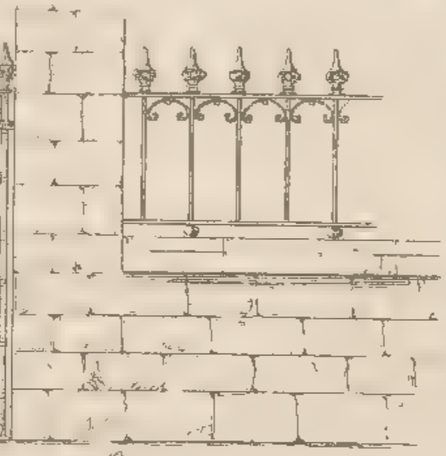


F 286. Railings 4' 3" high x 6" centres, 7/8 Sq.re Bars. Standards & Stays every 6 feet. 18/9 per yard.

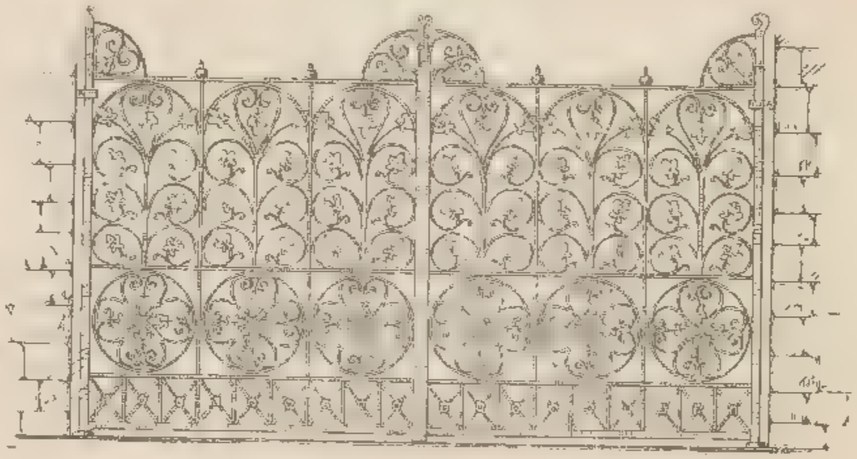
F 286. Single Gate 4' 3" x 5 feet high with Locking Latch. £2. 12. 6



No F 282 Cast Heads 9' 6" x 5' 3" £12. 15. 0 Pair
Do . . . 7' 0" x 5' 0" £9 10. 0 —

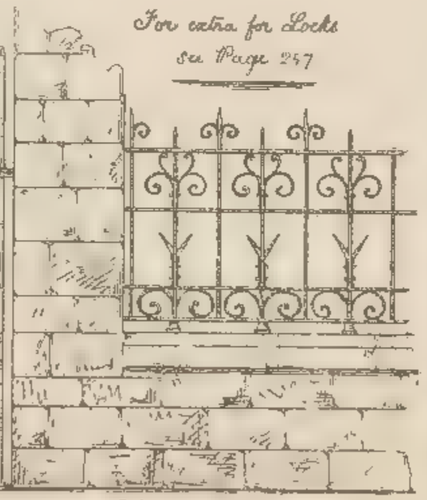


Railing 2' 6" high 16/ per yard



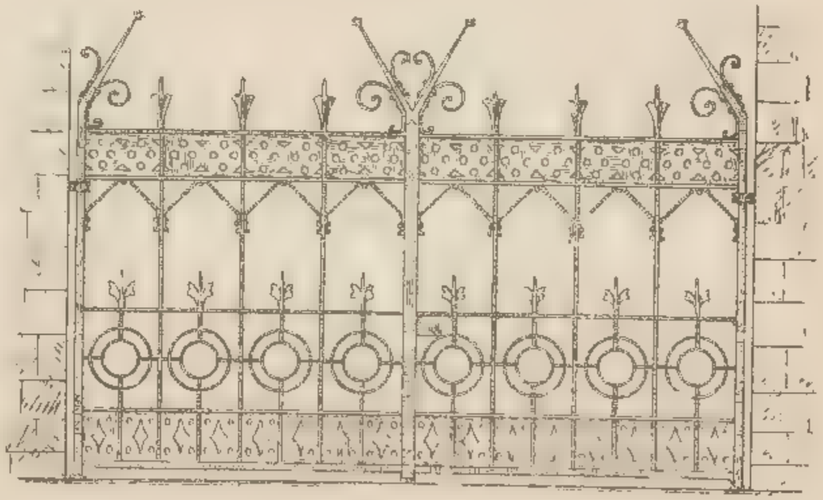
No F 283. 9' 0" x 5' 6" £20 0. 0 Pair.

No F 284. Solid Forged Heads. 9' 9" x 5' 6" £12 18. 6 Pair.



For extra for Locks see Page 247

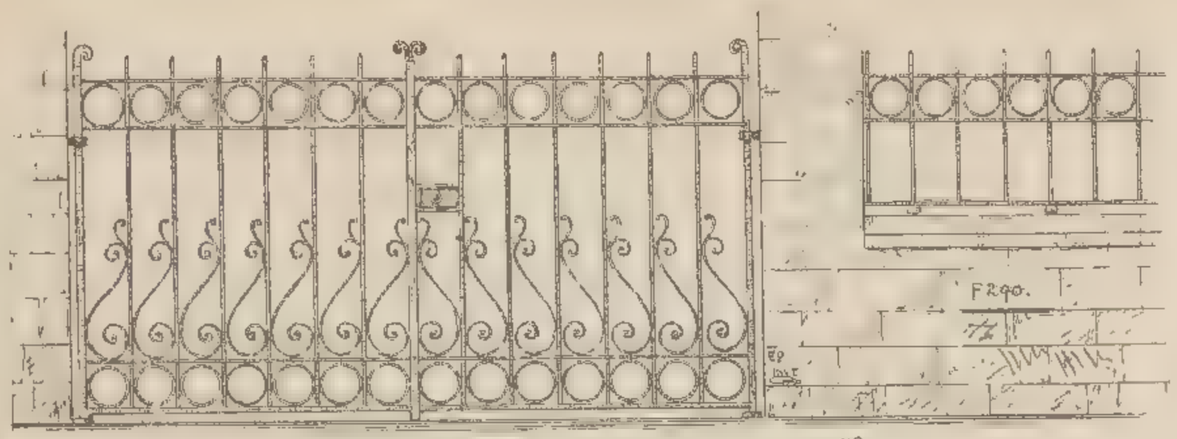
Railing 3' 0" high 26/6 per yard



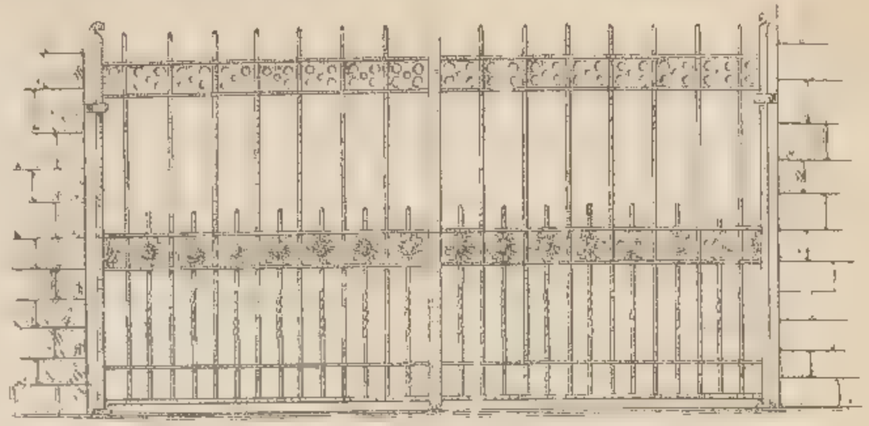
No F 285. Solid Forged Heads 9' 0" x 6' 3" £16 0 0 Pair

When sizes are not stated prices are to scale of ¾ in 1 foot, but can be made to any size Special prices for large quantities on receipt of specification

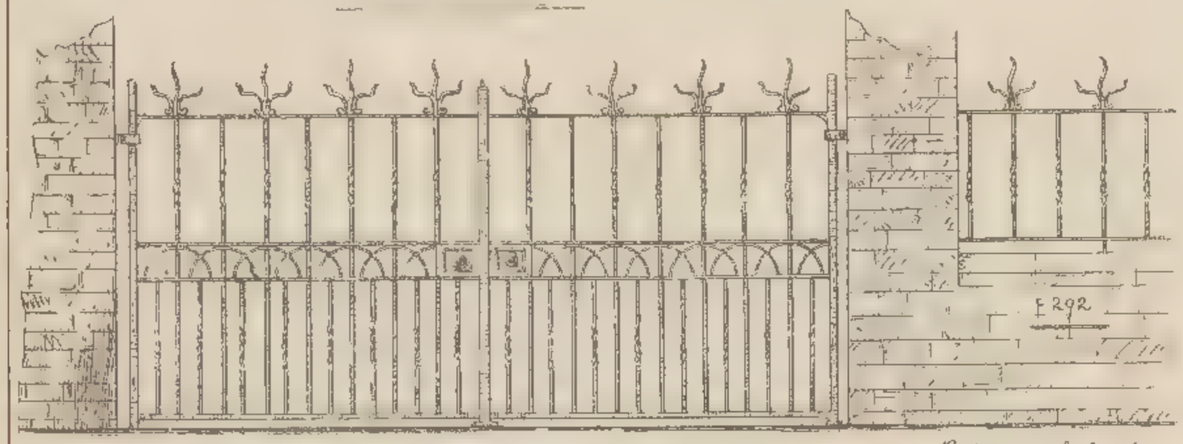
Wrot Iron Entrance Gates and Railings.



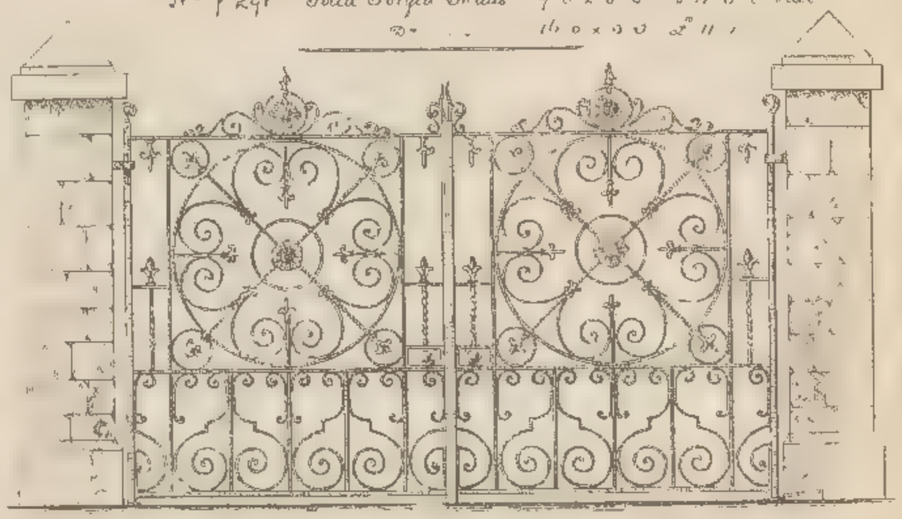
No F 290. Solid Forged Heads. 9 0" x 5 0" £9 10 0 Pair
Do ..... 6 0" x 4 6" £6 0 0 ...
Railing 2' 3" high. 16/- per yard



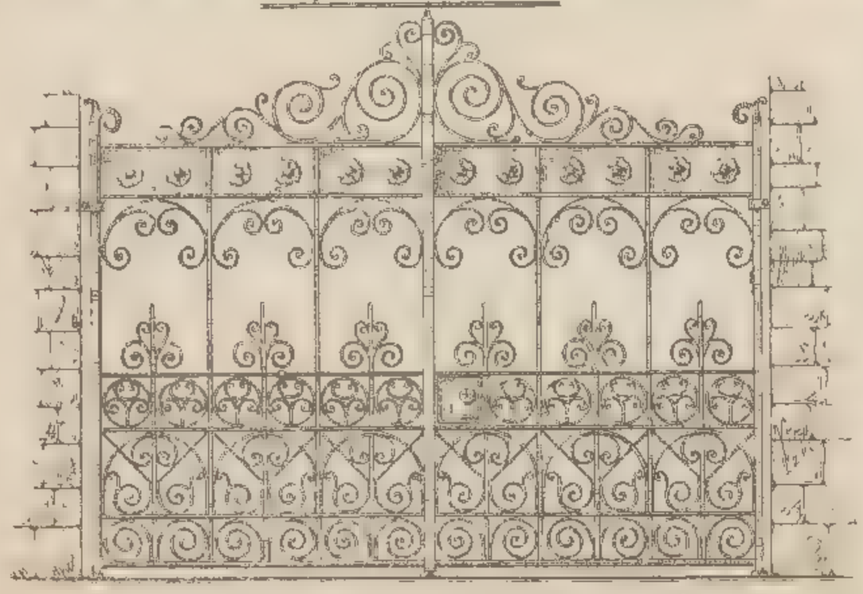
No F 291 Solid Forged Heads 9 0 x 5 3' £11 5 0 Pair
Do ... 16 0 x 5 0 £11 ...



No F 292 Solid Forged Heads 9 0" x 5 0" £11 5 0 10 0" x 5 0" £11 15 0 Pair Railing 2 9" high 15/6 yard

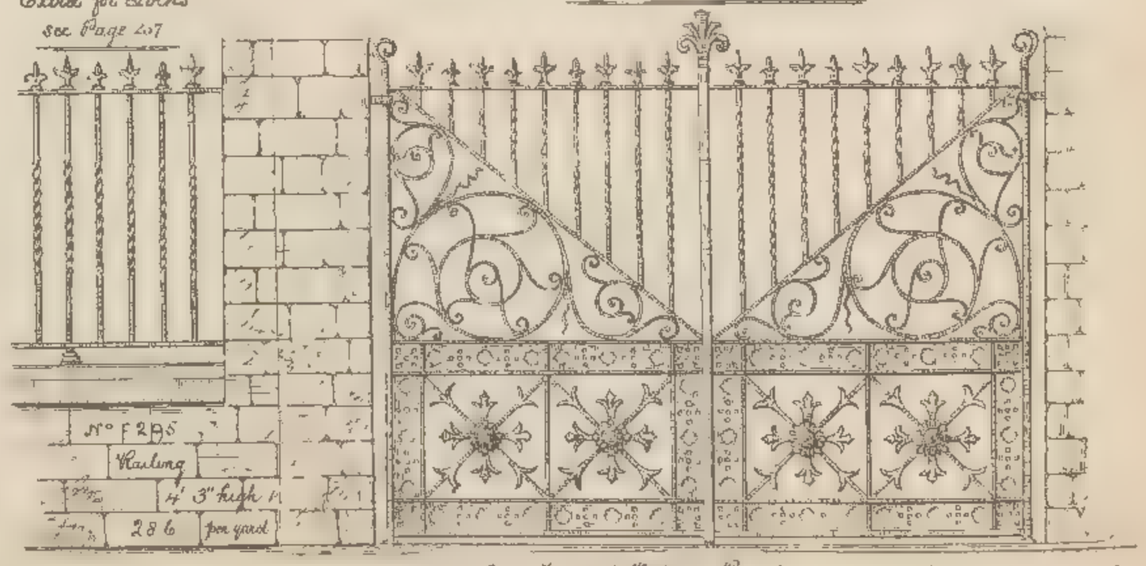


No F 293. 9 0" x 6' 0" £13. 10. 0 Pair



No F 294 9 0" x 7 6 £22 10 0 Pair

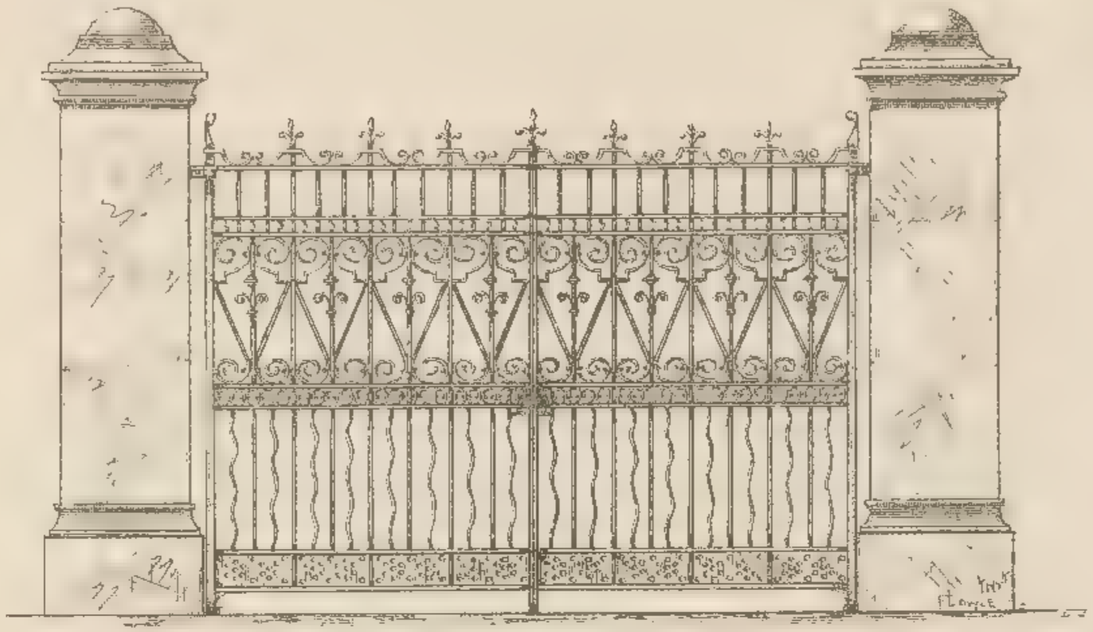
Extra for Locks
see Page 207



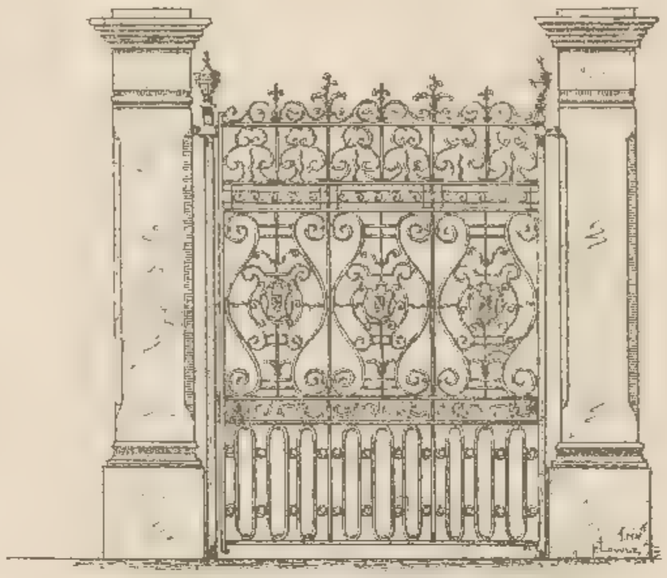
No F 295 Cast Heads & Bottom Panels 9 0" x 6 9" £17. 0 0 Pair

When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any size. *Special prices for large quantities on receipt of specification.*

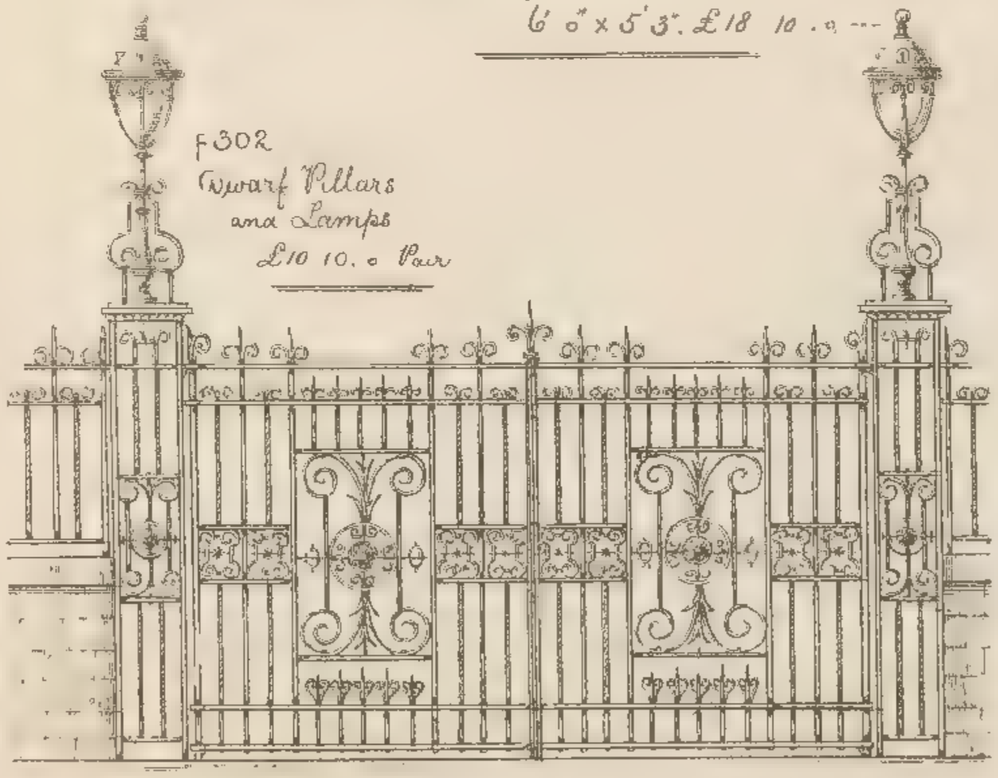
Wrot Iron Entrance Gates and Railings.



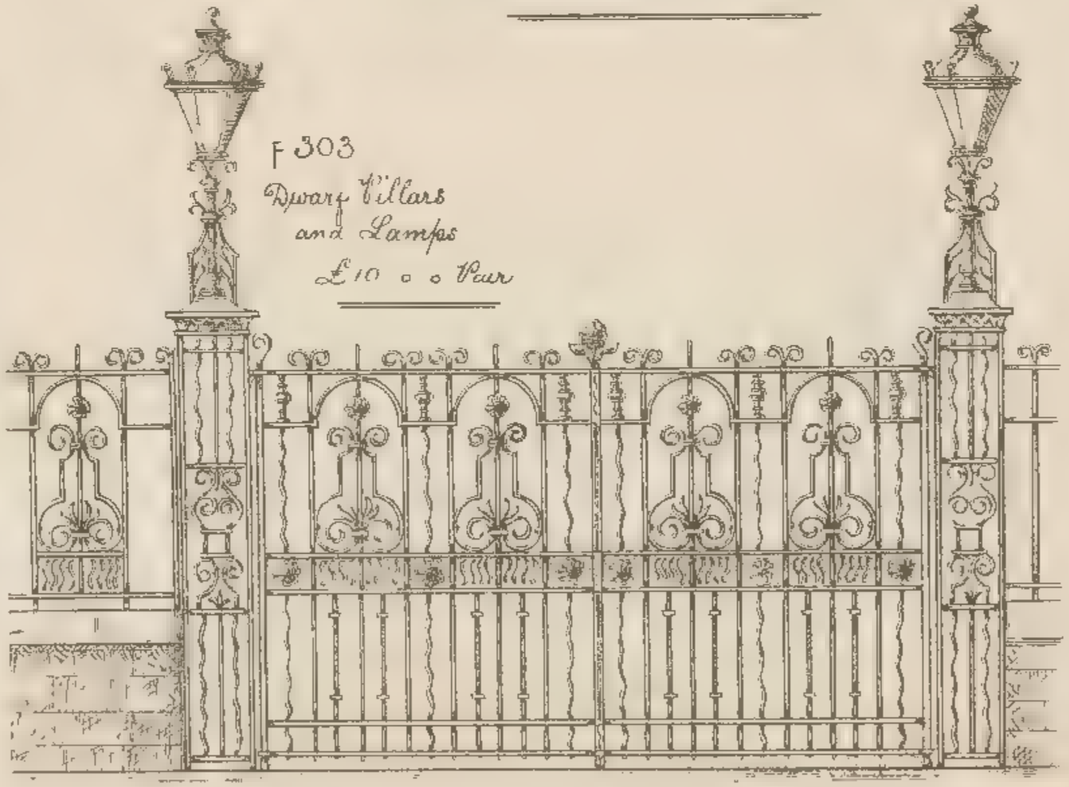
N° F 300 9' 0" x 6' 6" £25 11 . 6 Pair
6' 0" x 5' 3". £18 10 . 0 ---



N° F 301 4' 6" x 6' 3" £22 0 0 each



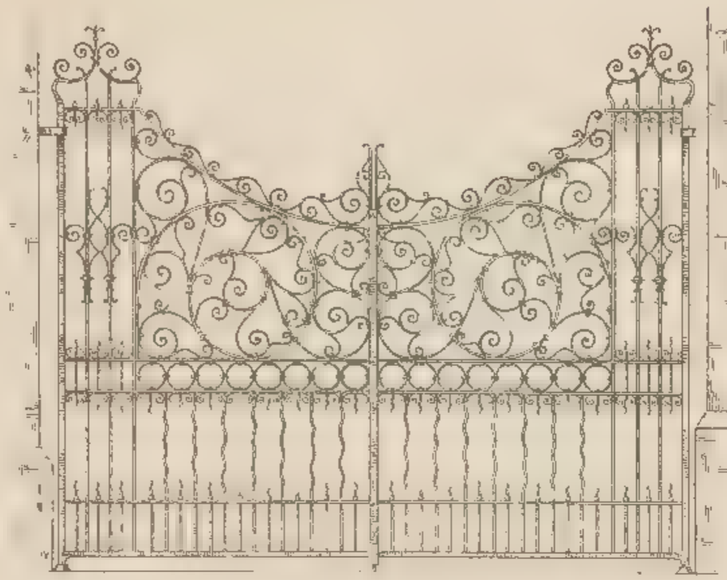
N° F 302. 9' 0" x 5' 6" £18. 0. 0 Pair — Square Piers £8. 10. 0 Pair



N° F 303. 9' 0" x 5' 6" £19 0. 0 Pair — Square Piers £9. 0. 0 Pair.

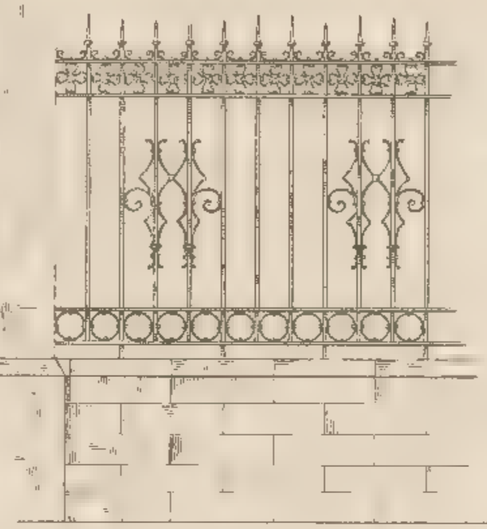
When sizes are not stated prices are to scale of ¾-in.=1 foot, but can be made to any size. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.



No F 726

Pair Entrance Gates 9' 0" wide x 8' 0" high £30 0 0



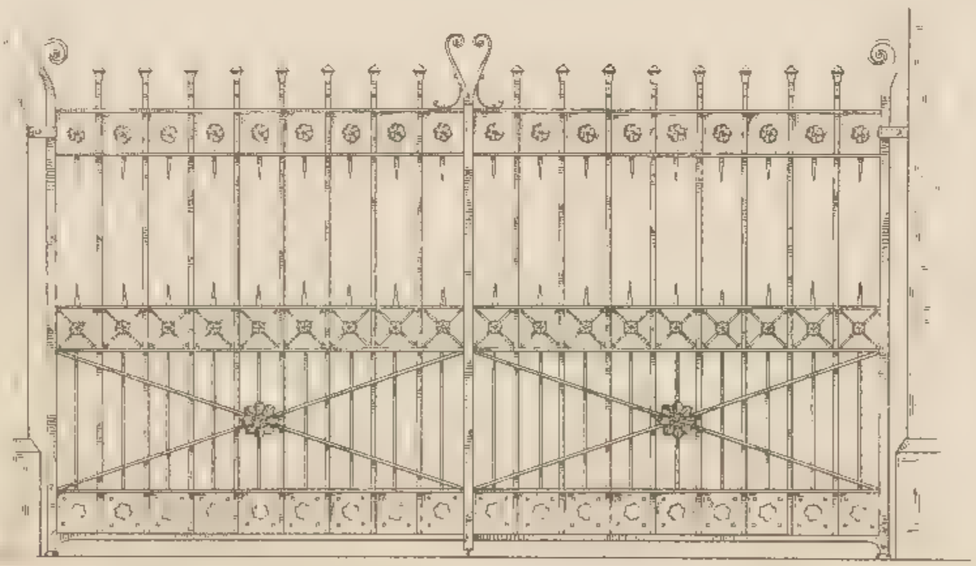
F 727

Railing 4' 9" high. 30/ per yard

For values for Locks see page 257

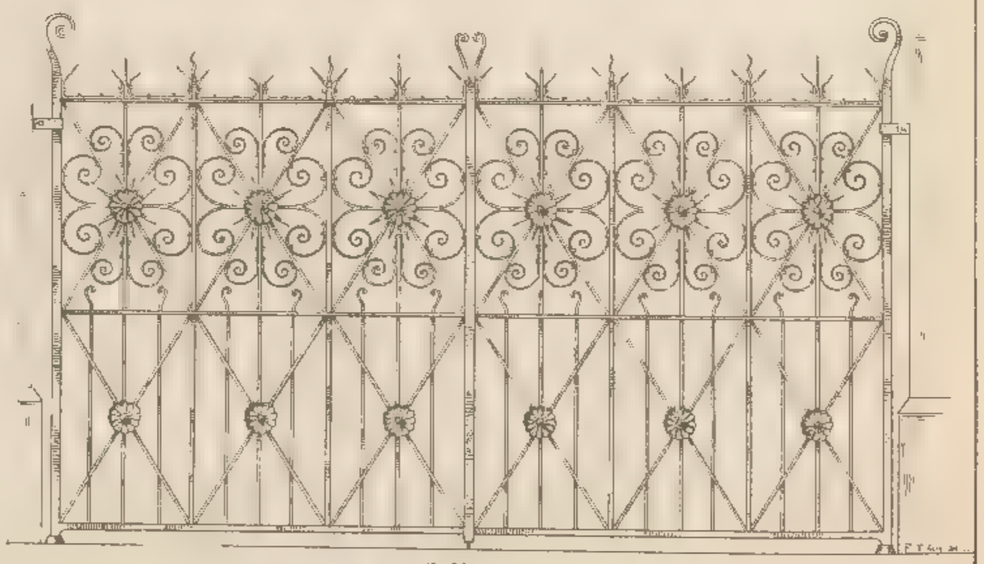
F 728

Pair Entrance Gates 9' 0" wide x 6' 6" high £37 0 0



F 729

Pair Entrance Gates 12' 0" wide x 7' 0" high £22 10 0

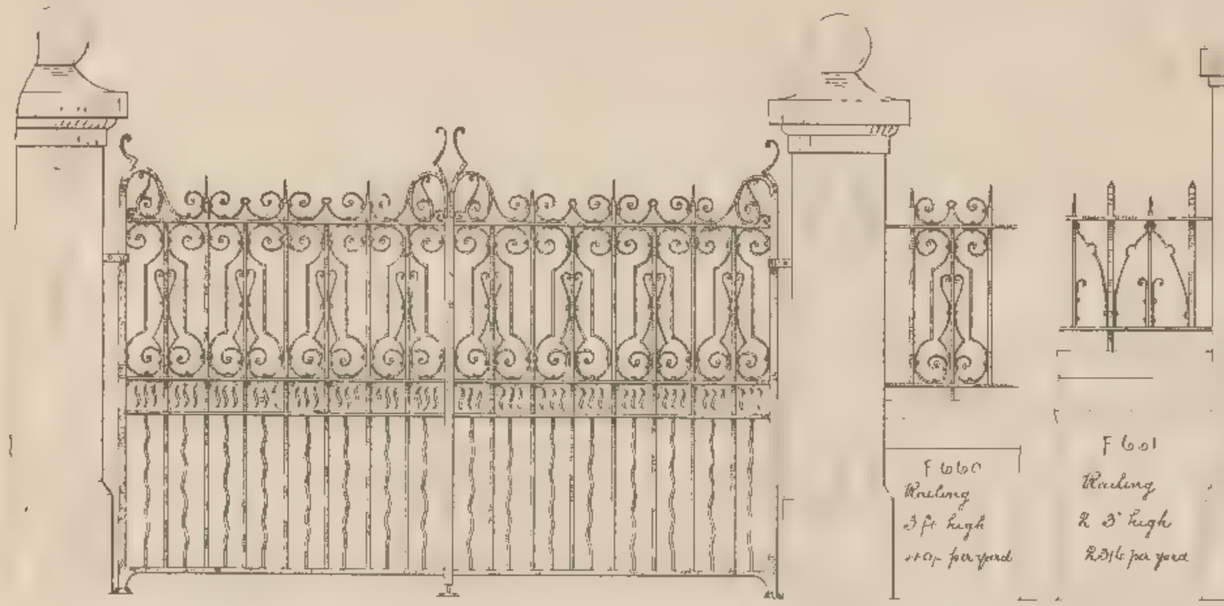


F. 730

Pair Entrance Gates 12' 0" wide x 7' 0" high £18 10 0

When sizes are not stated prices are to scale of ⅛-in.=1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

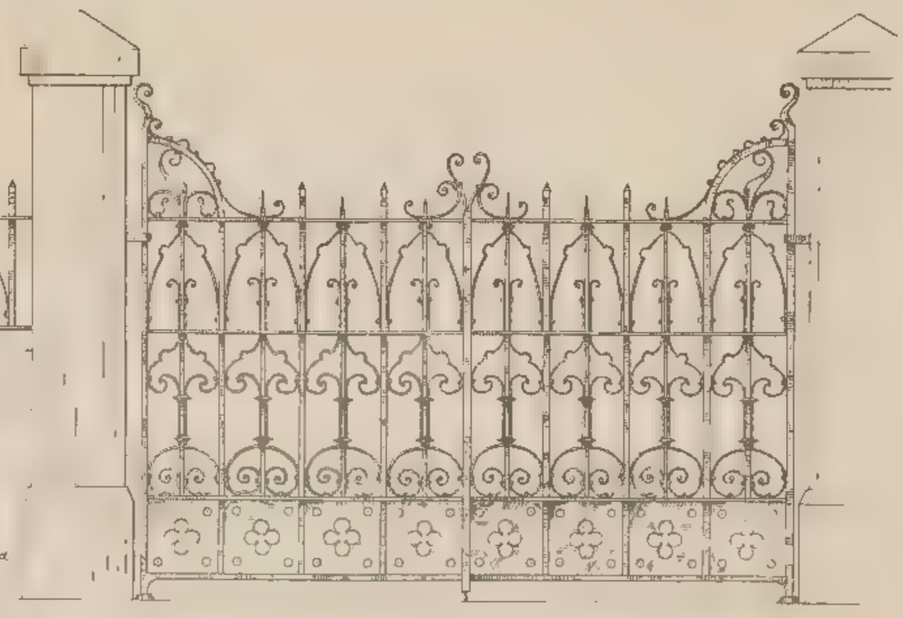
Wrot Iron Entrance Gates and Railings.



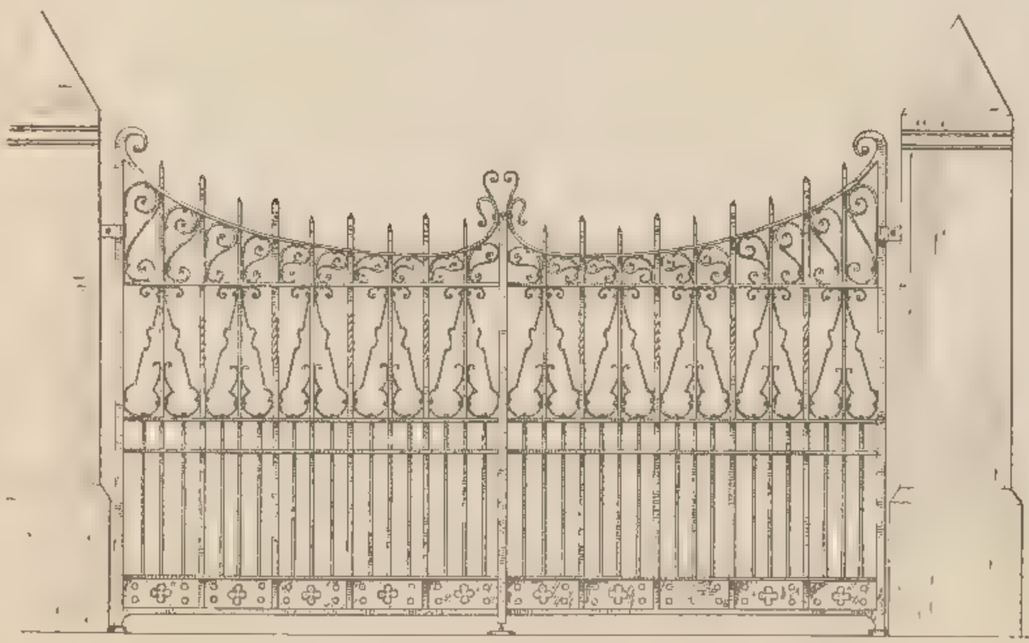
F 660
Railing
3 ft high
40p per yard

F 661
Railing
2 3" high
23/6 per yard

F 660
Pair Entrance Gates 9' 0" x 5' 6" £11. 18. 0

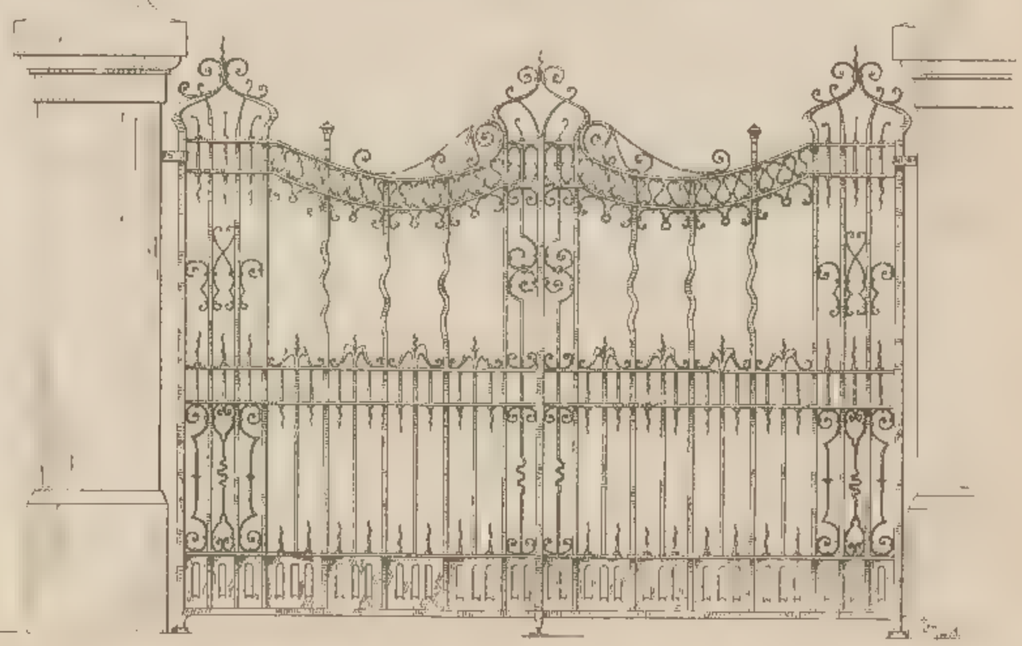


F 661
Pair Entrance Gates 9' 0" x 6' 0" £12. 15. 0



F 662
Pair Entrance Gates 10' 6" x 6' 0". £23. 15. 0.

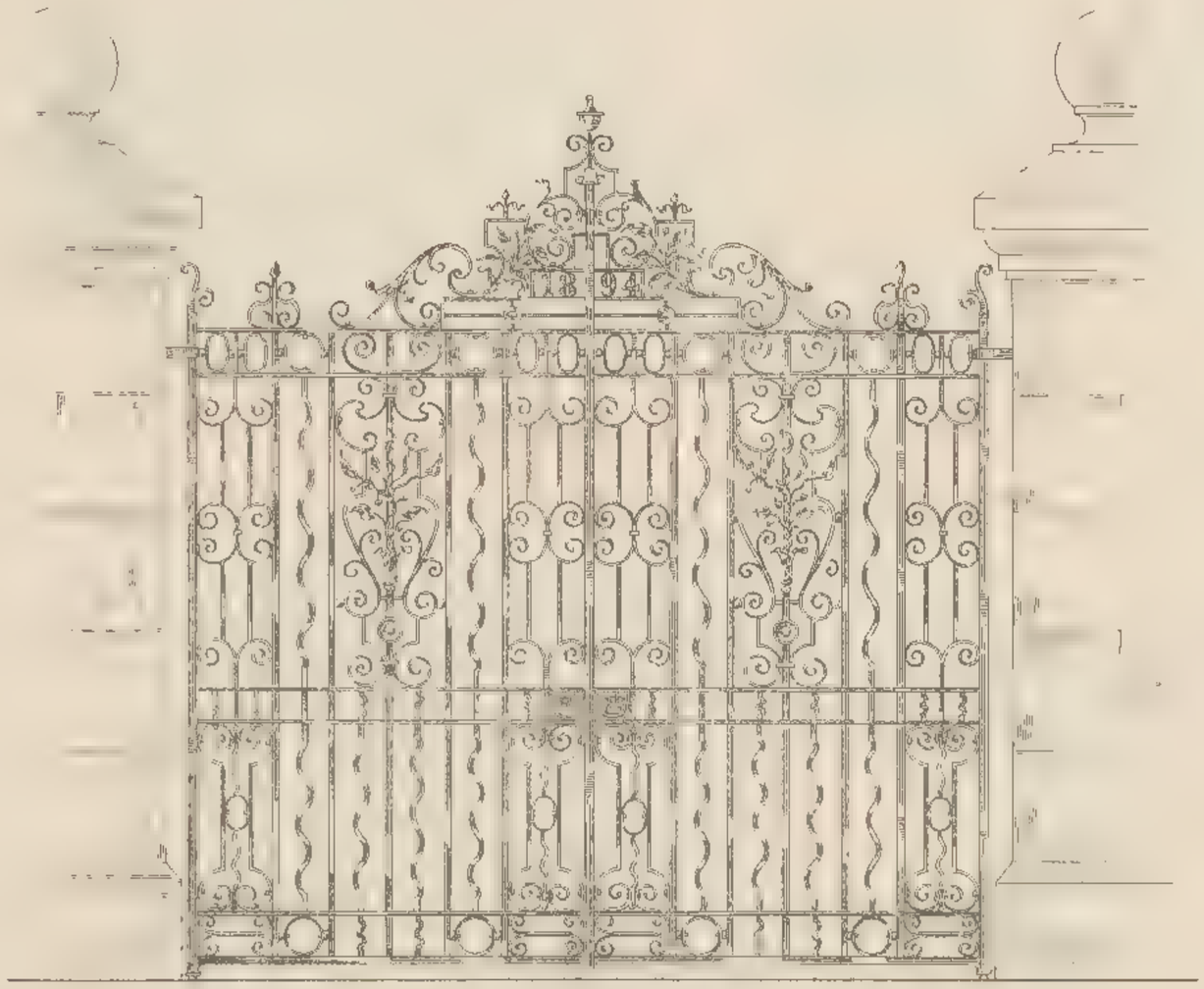
For extras for Locks see page 257



F 663.
Pair Entrance Gates 10' 0" x 7' 6" £32. 0. 0

When sizes are not stated prices are to scale of ⅜-in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates.



F 309

Pair Entrance Gates 11 ft x 12 ft high. £65 10. 0

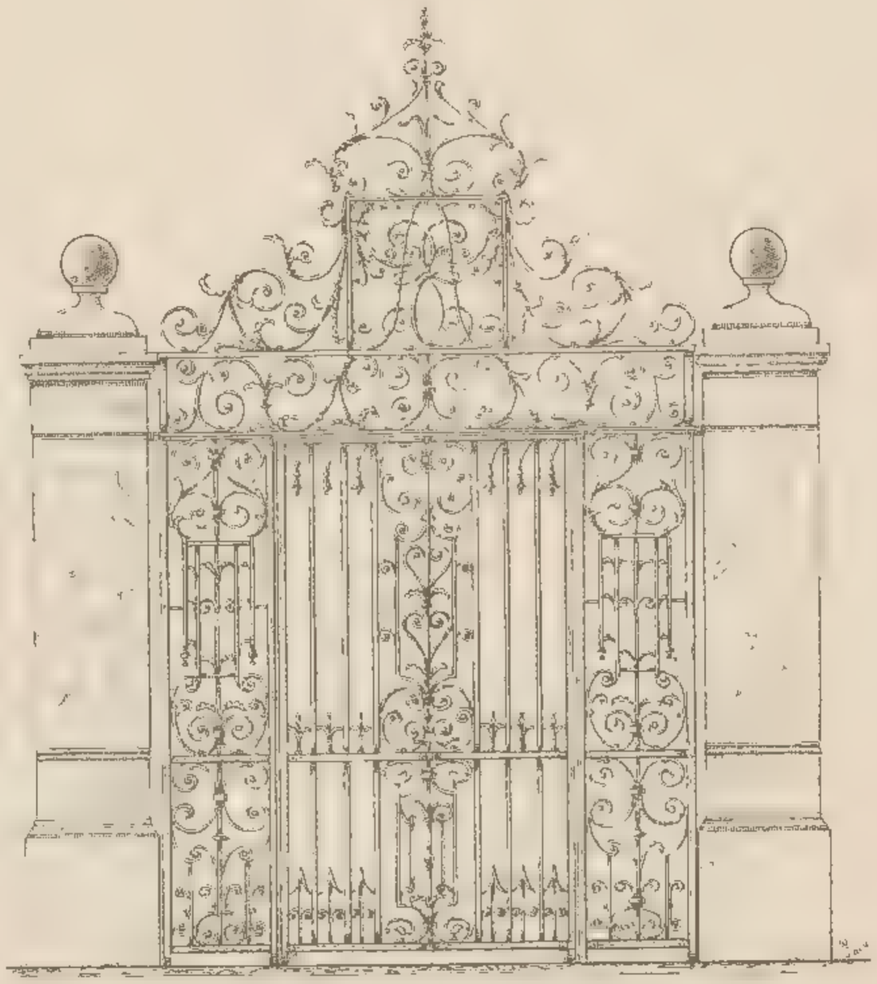
F 310

Pair Doorway Gates with Head Grille. £28. 10. 0

When sizes are not stated prices are to scale of ⅛-in.=1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates.

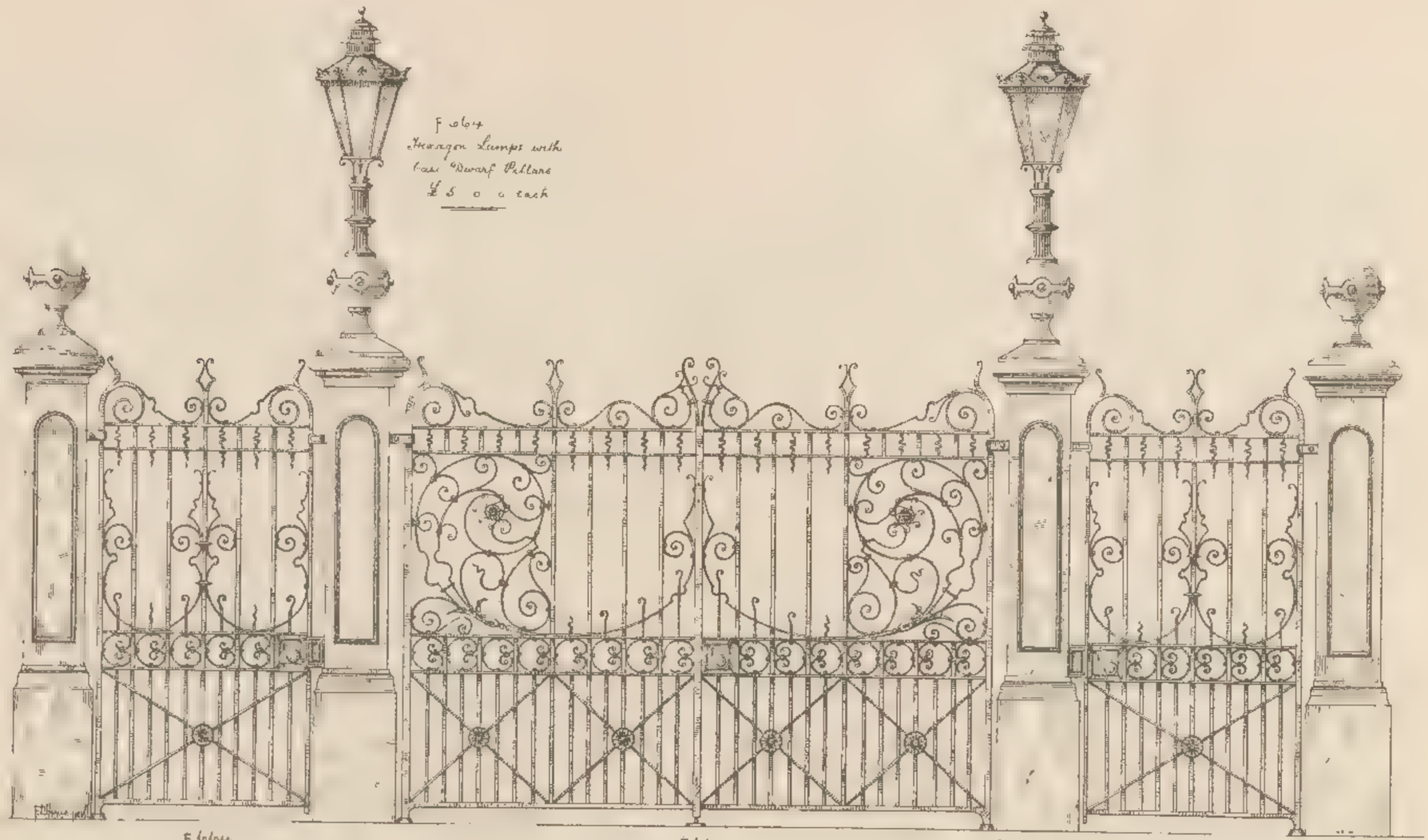
F 311.
Pair Entrance Gates £59. o. o



F 306.
Single Gate with Pilasters & Head. £60 to £70.

When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates.



When sizes are not stated prices are to scale of ¾ in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

F 312

Pair Entrance Gates 10ft wide with Transom Head.

£80 to £90.

Railing 5'6" high with Pilasters 6 feet apart. 16/6 per foot.

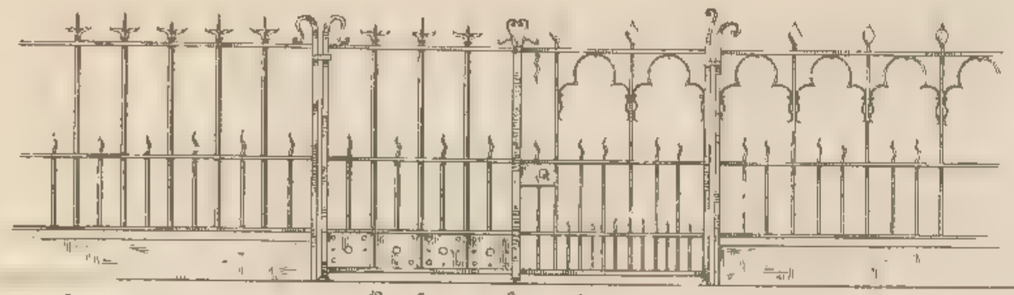
When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

F.300

Pair Entrance Gates 12 ft wide £60. to £70. Pair.

When sizes are not stated prices are to scale of ⅛-in. =1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

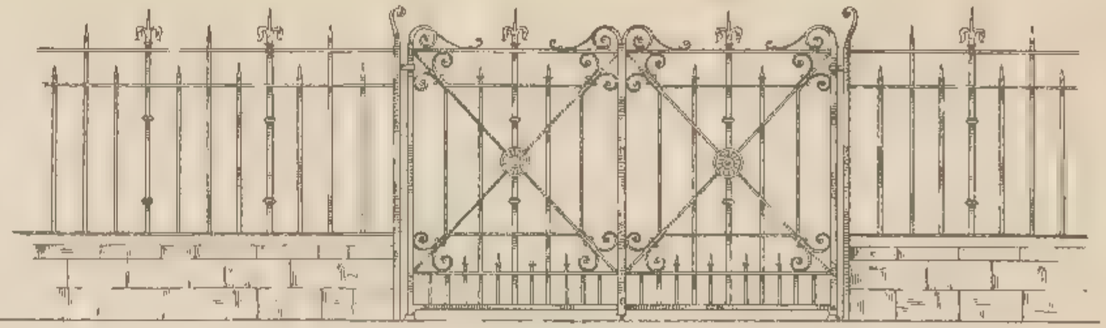
Wrot Iron Porch and Entrance Gates



Railing for F 731
3 ft high 14/6 per yard

Pair Entrance Gates 5' 3" x 3' 6" high
No F 731 £3 18 0 No F 732 £4 7 0 per pair

Railing F 732.
3 ft high 15/6 per yard

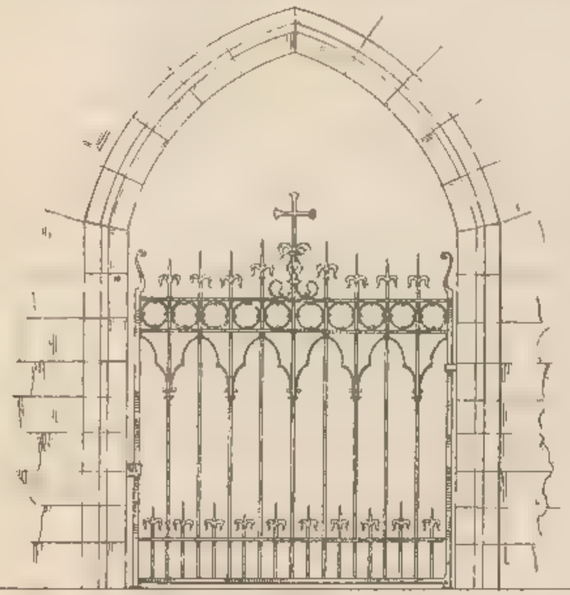


Railing, 3 ft high 14/- per yard

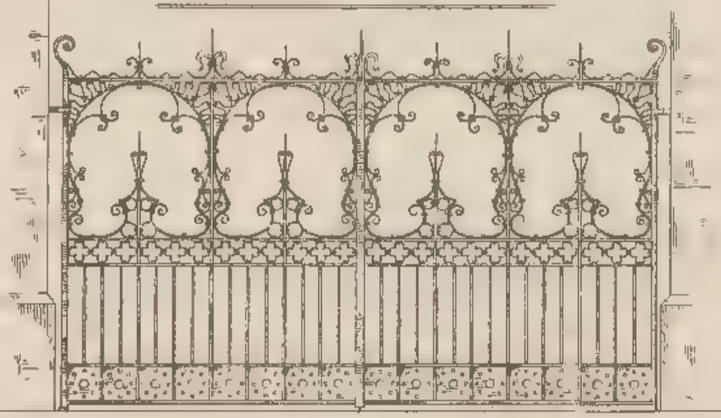
No F 733.
Pair Entrance Gates 6' 0" x 4' 0" high £6 0 0

Standards and Stays for Pair of Gates F 731. F 732. F 733 9/- per Pair
Do for Railings do - - 3/6 each.

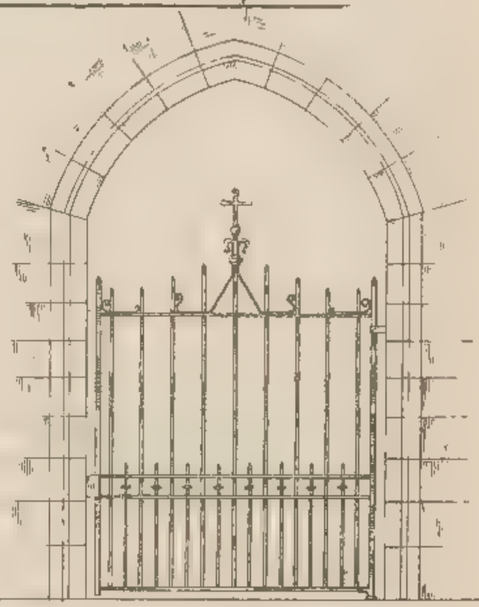
All Gates are priced with Latch and Hangings for Stone or Wood Piers, if fitted with Brass Bolt Lock & Latch with Knobs 14/6 extra.



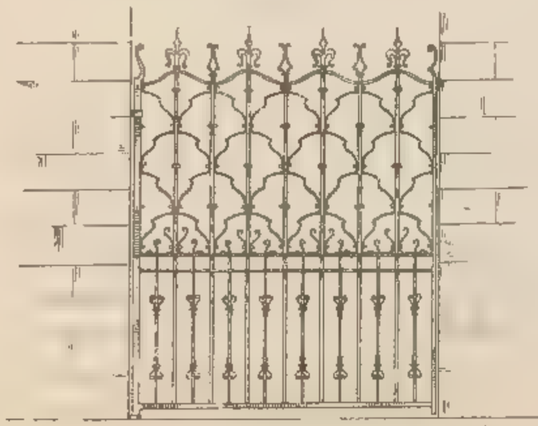
No F 734
Single Porch Gate 4' 3" x 4' 6" high £7. 15 0



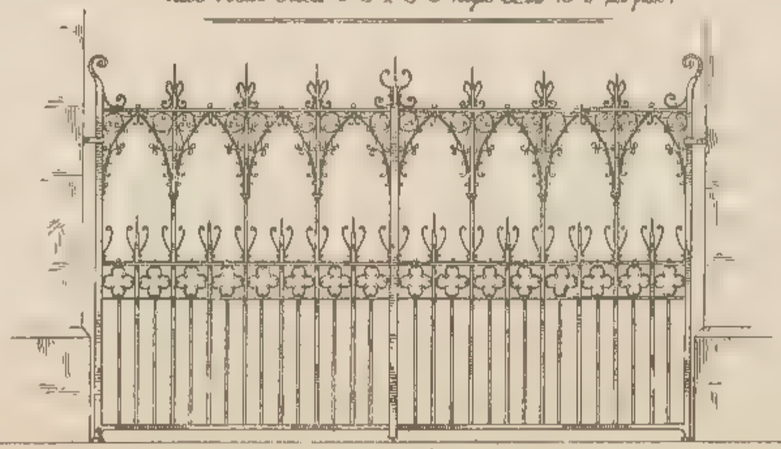
No F 735
Pair Porch Gates 8' 0" x 5' 0" high £26 10 0 per pair.



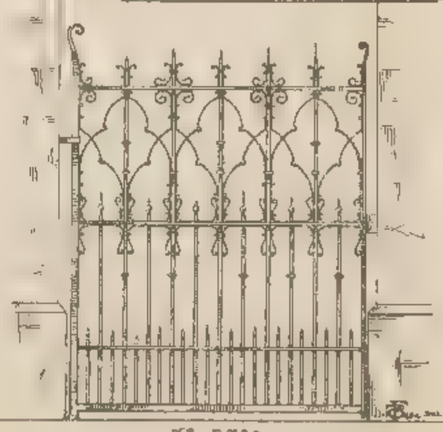
No F 736
Single Porch Gate 4' 0" x 4' 6" high £4 15. 0



No F 737
Single Porch Gate 4' 0" x 5' 0" high £8. 14. 0.



No F 738
Pair Porch Gates 8' 0" x 5' 0" high £24 0. 0 per pair



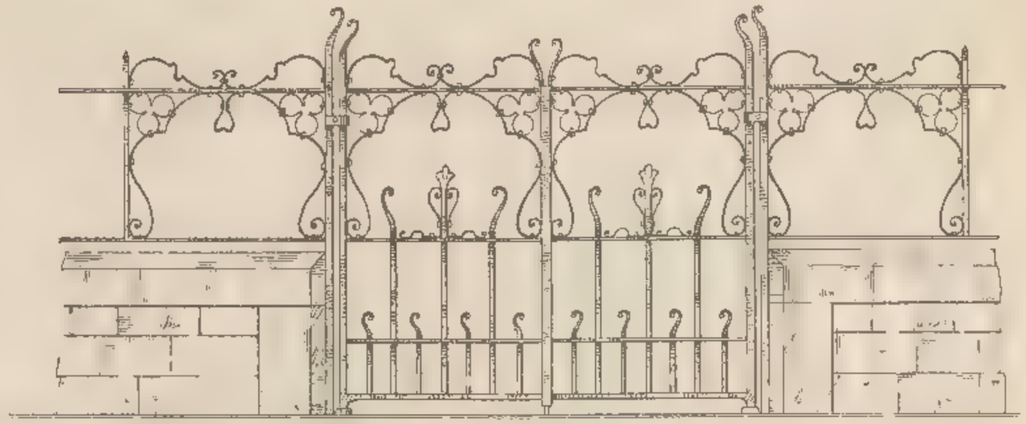
No F 739
Single Porch Gate 4' 0" x 5' 0" high £8 10 0

When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Chancel Gates and Railings.

Railing
2 ft high 8/6 per ft

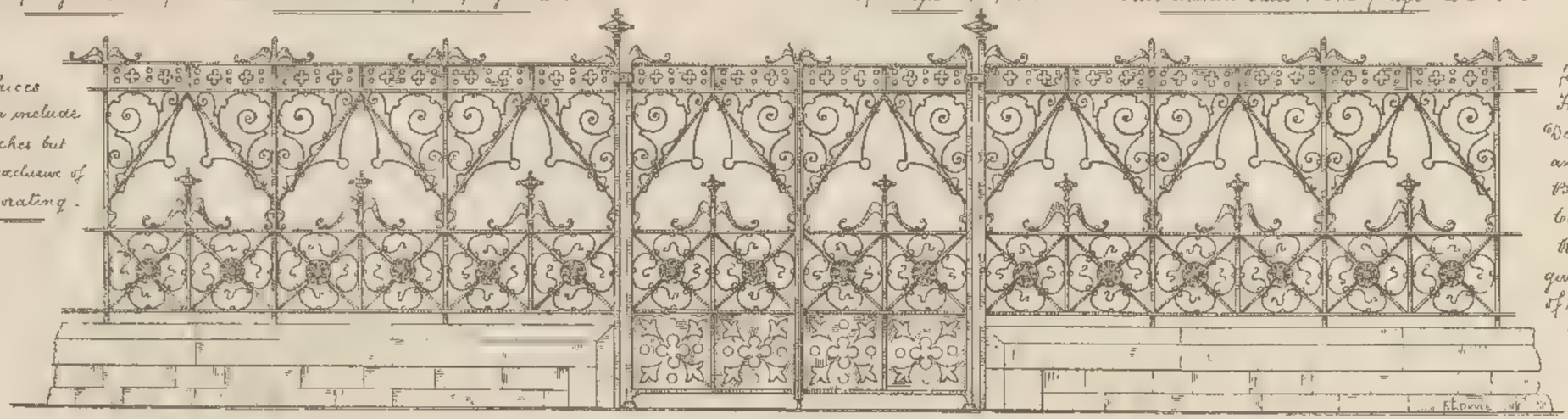
F 665.
Pair Chancel Gates 4 ft x 3 9" high £5 18 0



Railing
2 feet high 9/- per ft

F 666
Pair Chancel Gates 4' 6" x 3 9" high £5 5 0

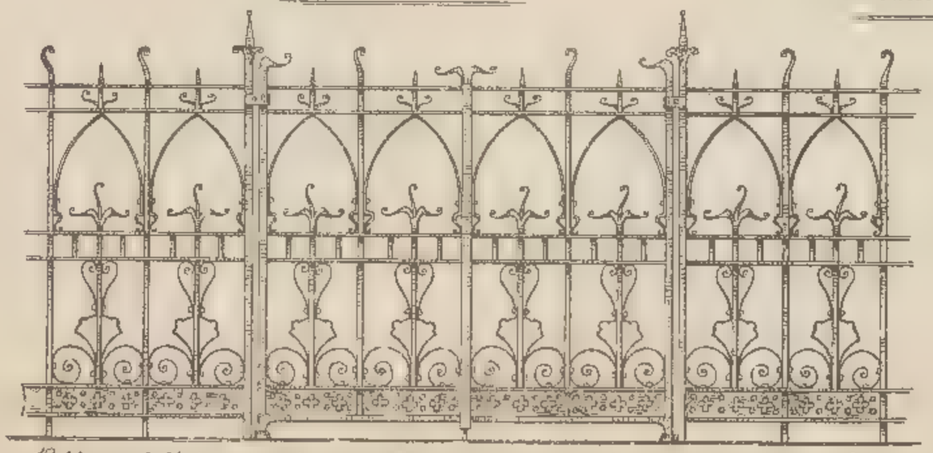
Prices given include Latches but are exclusive of Decorating.



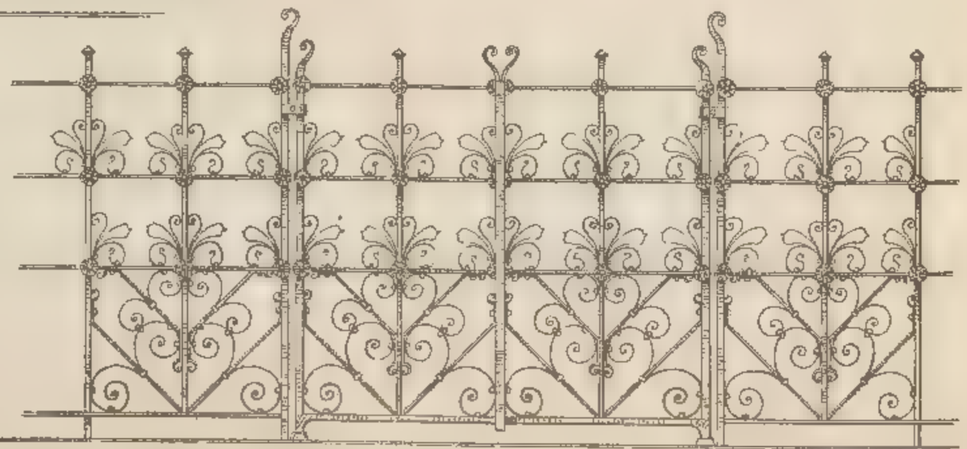
Extras for Locks Handles &c, Decorating, and for Brass or Copper Reliefs given on receipt of requirements

Railing 3' 6" high 32/- per foot

F 667
Pair Chancel Gates 4' 6" x 4' 6" £12 10 0



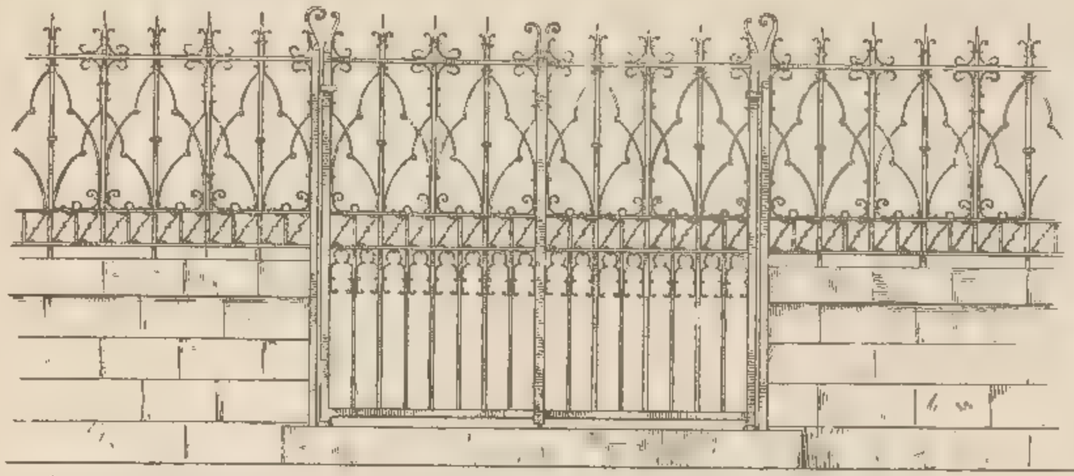
Railing 4 ft high 38/- per ft. F 668. Pair Chancel Gates 4' 6" x 4 4 high. £9 0 0



Railing 4 ft high 37/6 per ft F 669 Pair Chancel Gates 4 6" x 4 ft high £10 0 0

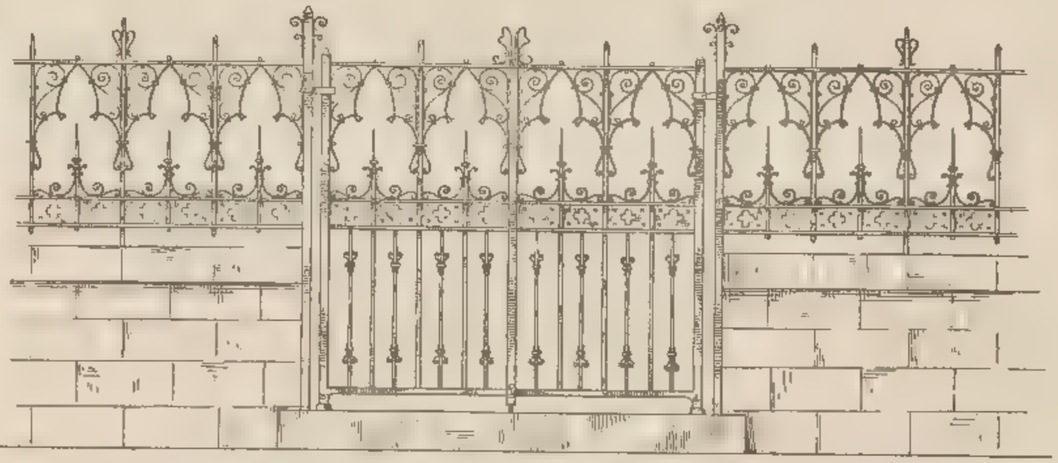
When sizes are not stated prices are to scale of ½-in.—1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Chancel Gates and Railings.



Railing 2' 4" high 25/6 per foot

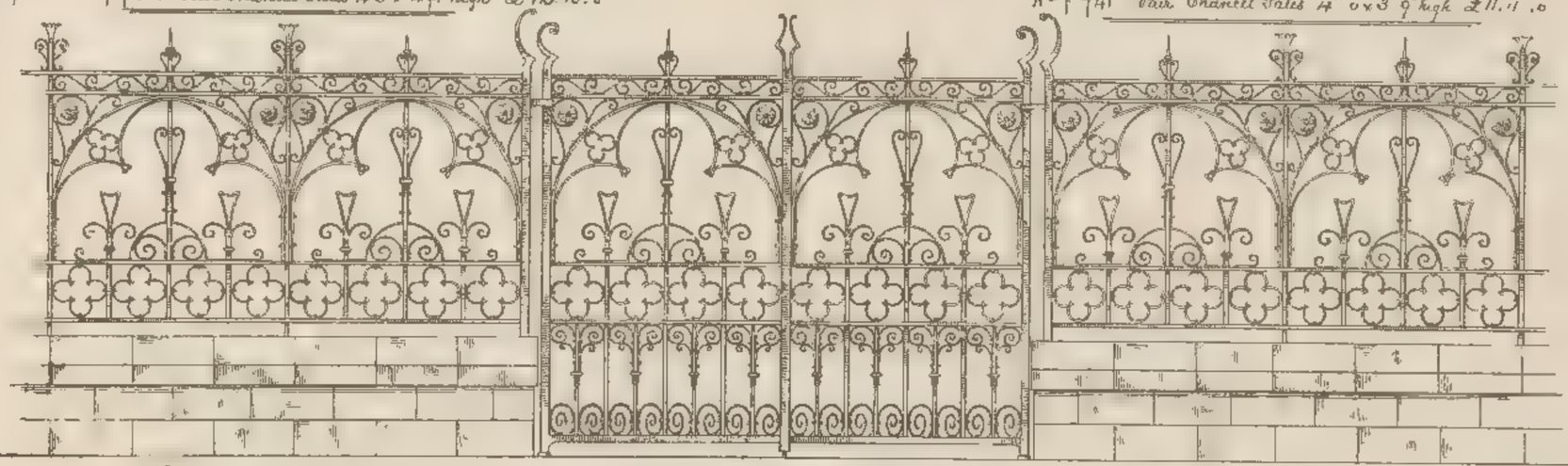
No F 740. Pair Chancel Gates 4' 6" x 4 ft high £12. 10. 0



No F 741 Pair Chancel Gates 4' 0" x 3' 9" high £11. 11. 0

Railing 2' 3" high 27/6 per foot.

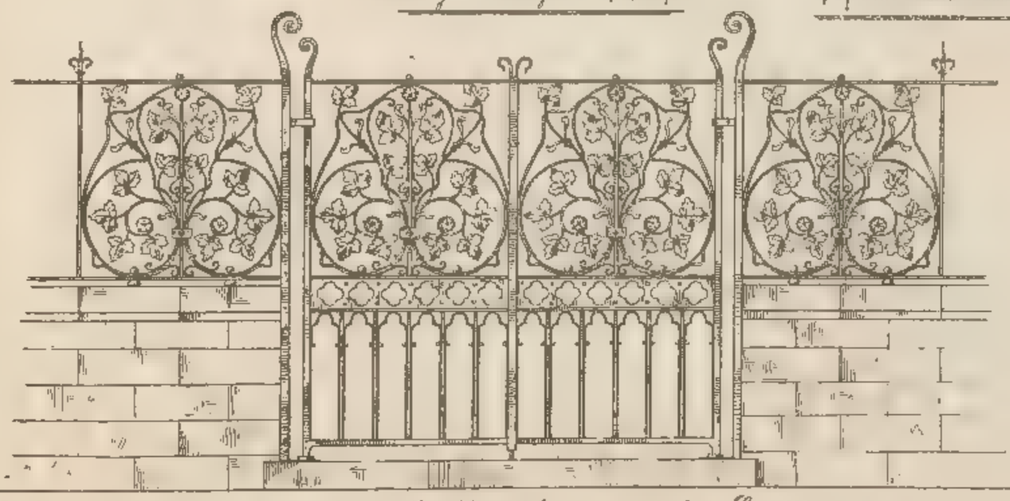
Prices given include Latches but are exclusive of Decorating.



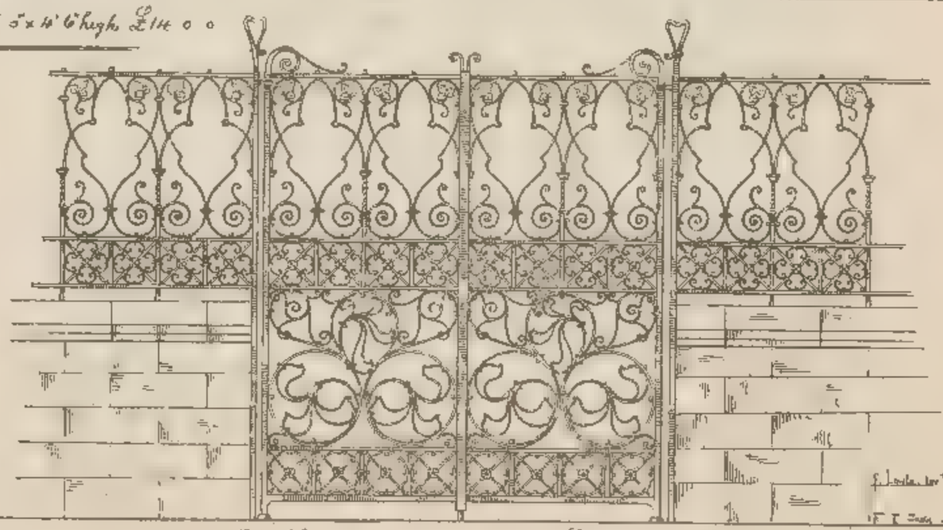
Extras for Locks, Handles & Decorating and for Brass or Copper Reliefs given on receipt of requirements.

Railing 3' 3" high 33/- per foot.

No F 742 Pair Chancel Gates 5' 0" x 4' 6" high £14 0 0



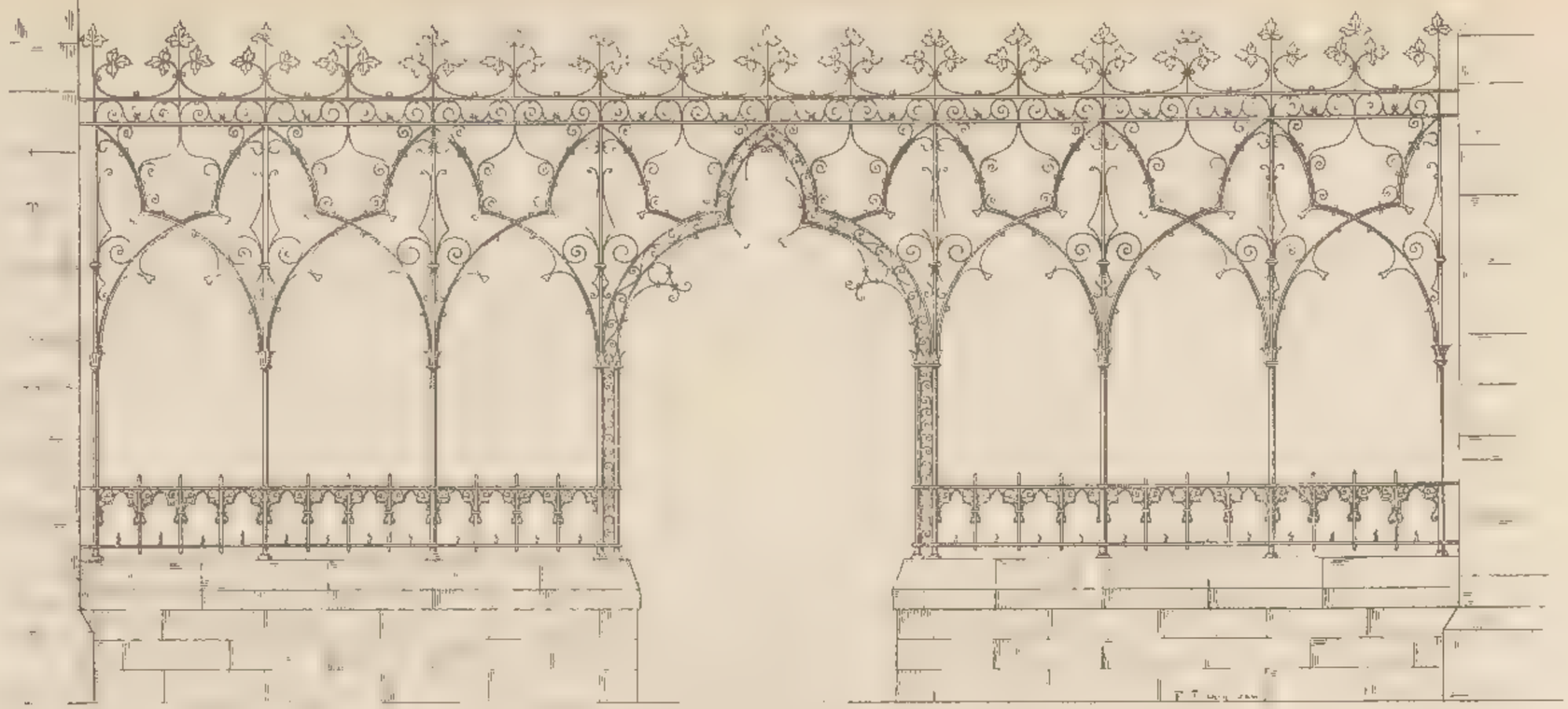
Railing 2 ft high 27/6 foot — No F 743 Pair Chancel Gates 4' 0" x 3' 9" high £11. 13. 0



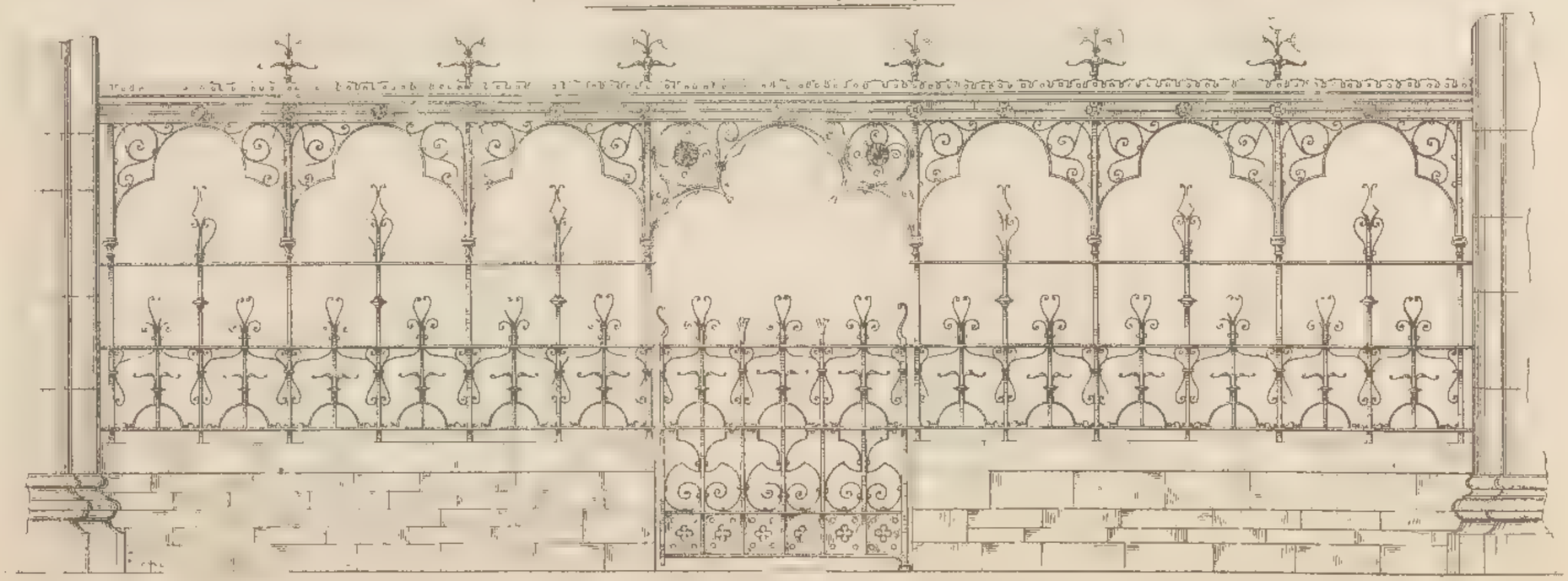
No F 744 Pair Chancel Gates 4' 3" x 4' 6" high £13. 0. 0 — Railing 2' 3" high 37/6 per foot.

When sizes are not stated prices are to scale of ½-in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Chancel Screens.

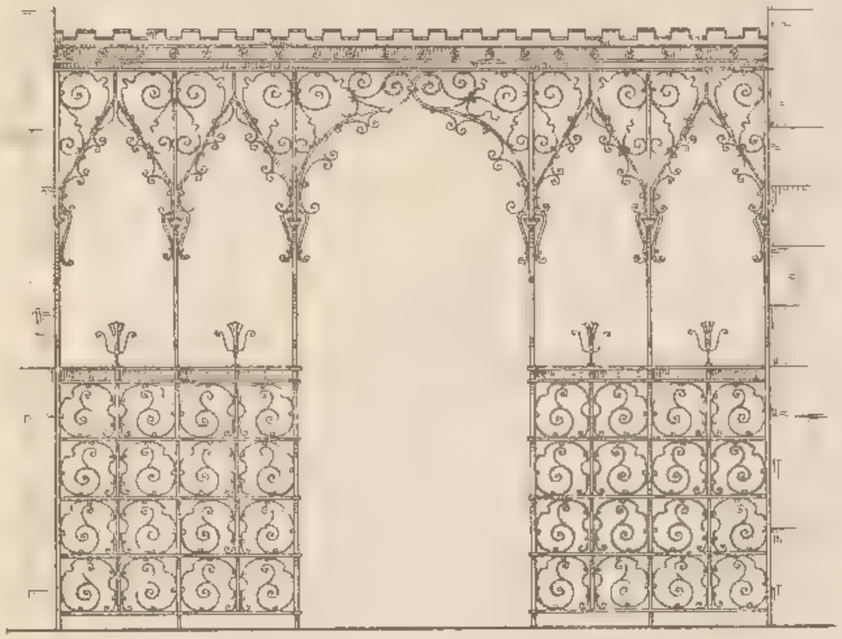


F749. Chancel Screen. 11' 9" high. 37/- per foot run.



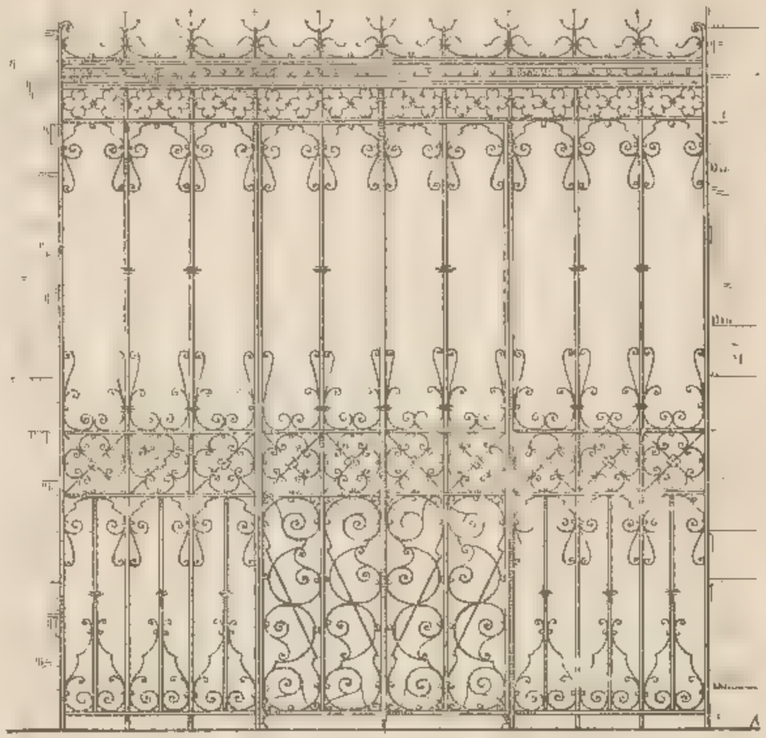
F796 Chancel Screen with Gate. 10' 9" high to Lights. 50/- per foot run.

Above prices include priming only. Extra for decorating and for copper and brass mounts on receipt of requirements.



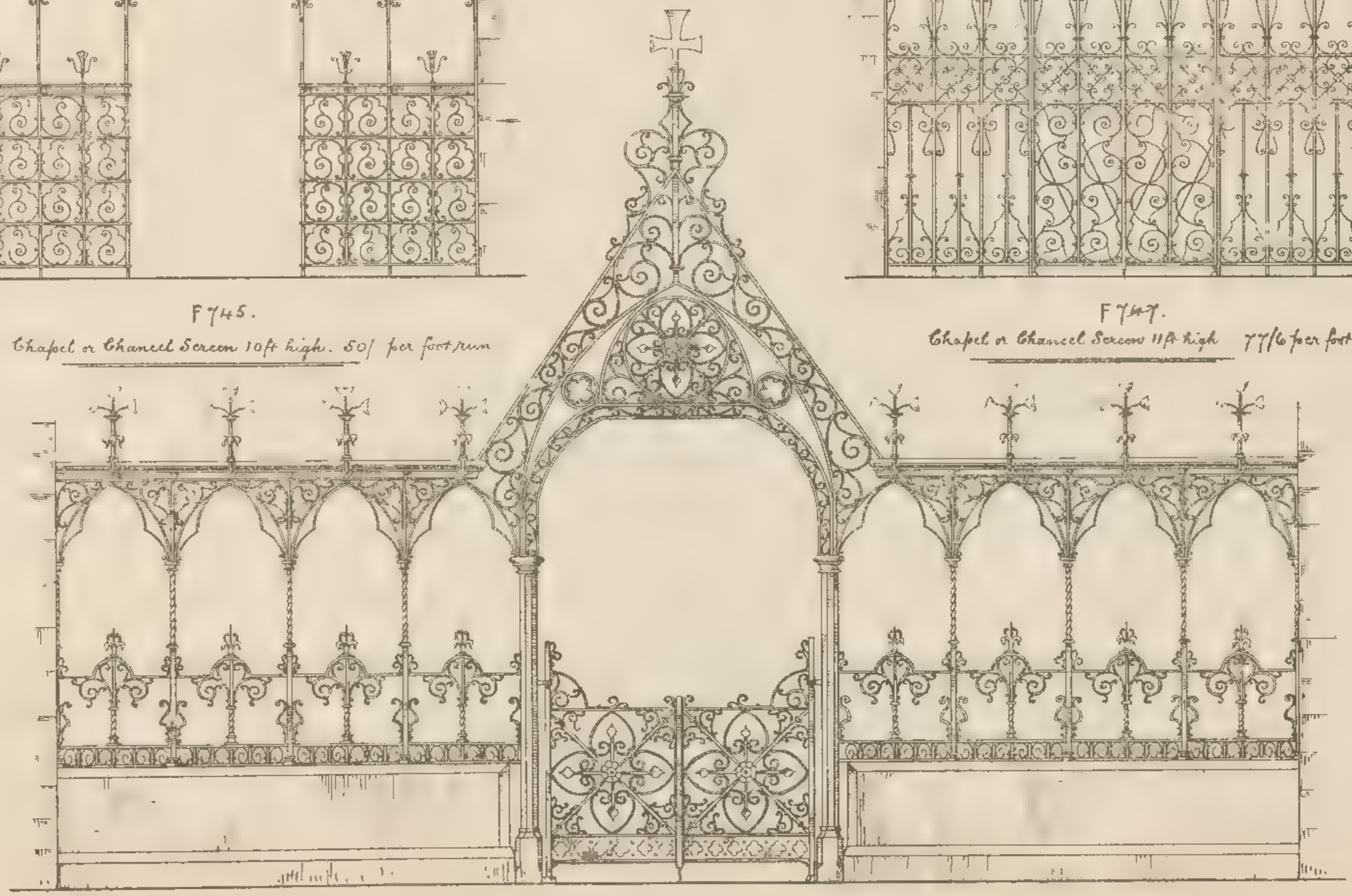
F745.

Chapel or Chancel Screen 10ft high. 50/ per foot run



F747.

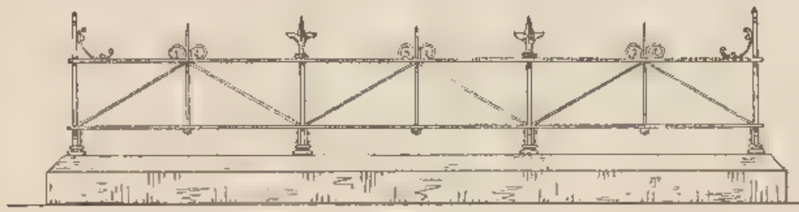
Chapel or Chancel Screen 11ft high 77/6 per foot run.



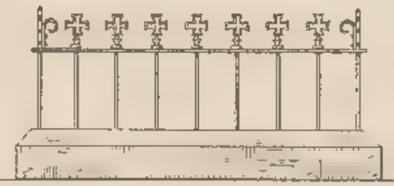
F746. Chancel Screen 10' 6" high to Lights, 18' 6" to Top. 62/6 per foot run.

Above prices include priming only. Extra for decorating and for copper and brass mounts on receipt of requirements.

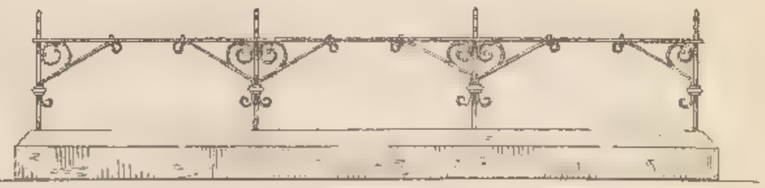
Wrot Iron Tomb Railings.



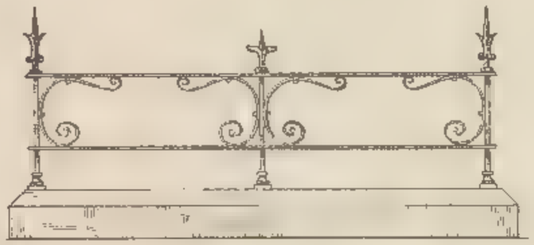
N° F 320. 16" high. 5/3 per ft.



N° F 321 14" high. 4/6 per ft.

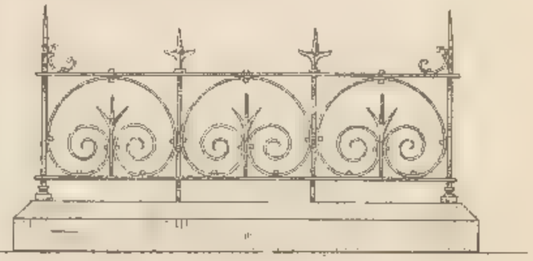


N° F 322. 15" high. 5/3 per ft

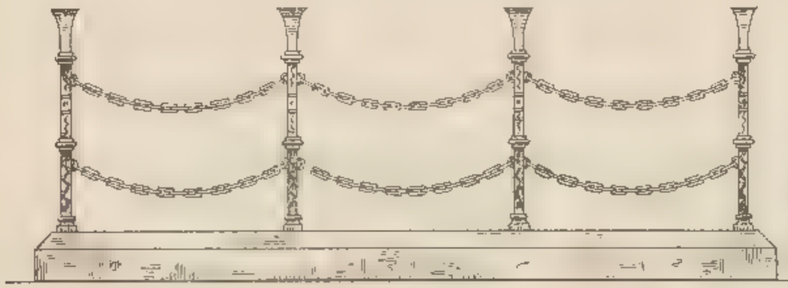


N° F 323. 18" high. 5/3 per ft.

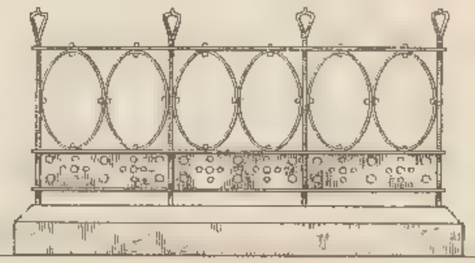
N° F 324 21" high 10/9 per ft.



N° F 325. 21" high. 8/6 per ft

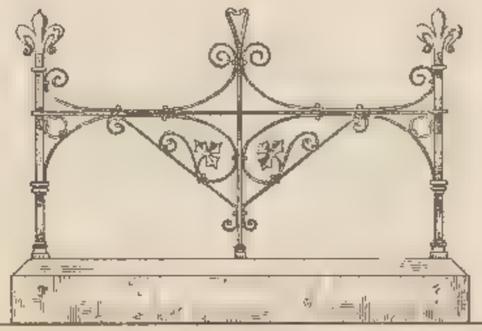


N° F 326. Pillars 27" high. 8/- each. Chain 1/- per ft.

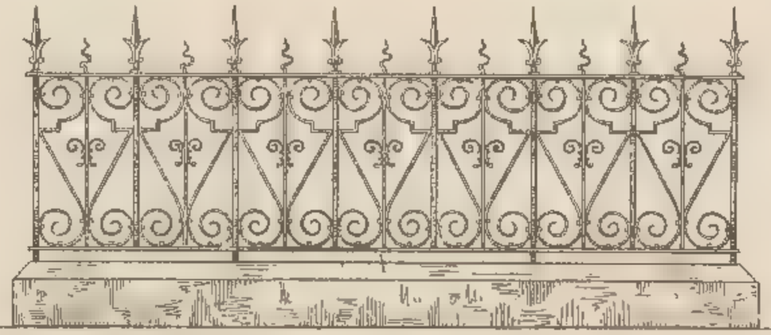


N° F 327. 24" high. 9/6 per ft.

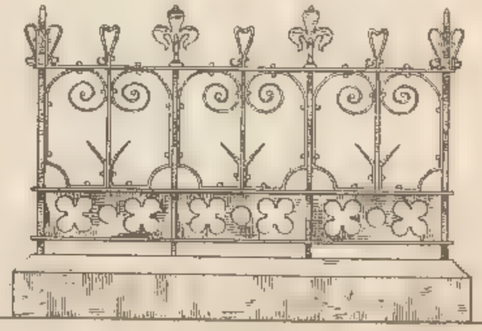
N° F 328. Pillars 24" high 9/3 each. Cast Link Chain 1/1 per ft.



N° F 329 30" high 9/6 per ft



N° F 330. 30" high 15/- per ft.

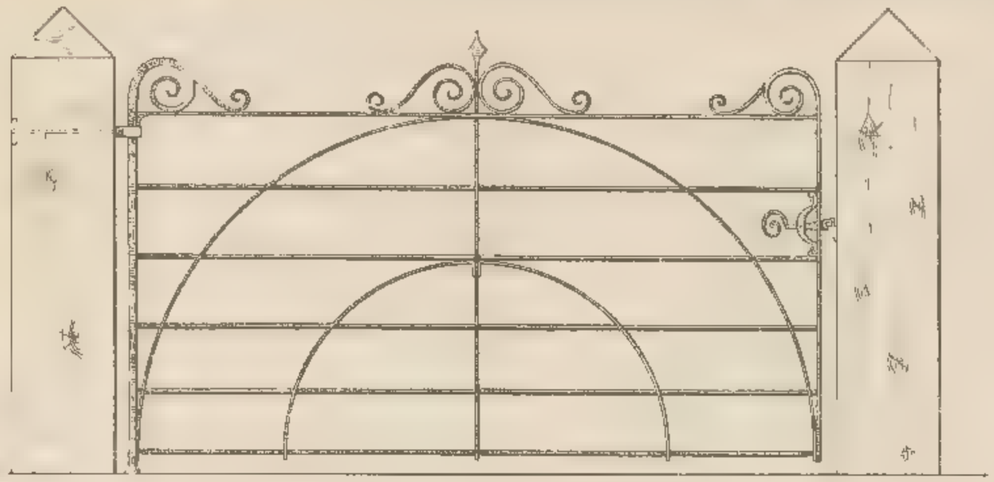


N° F 331. 30" high. 16/6 per ft.

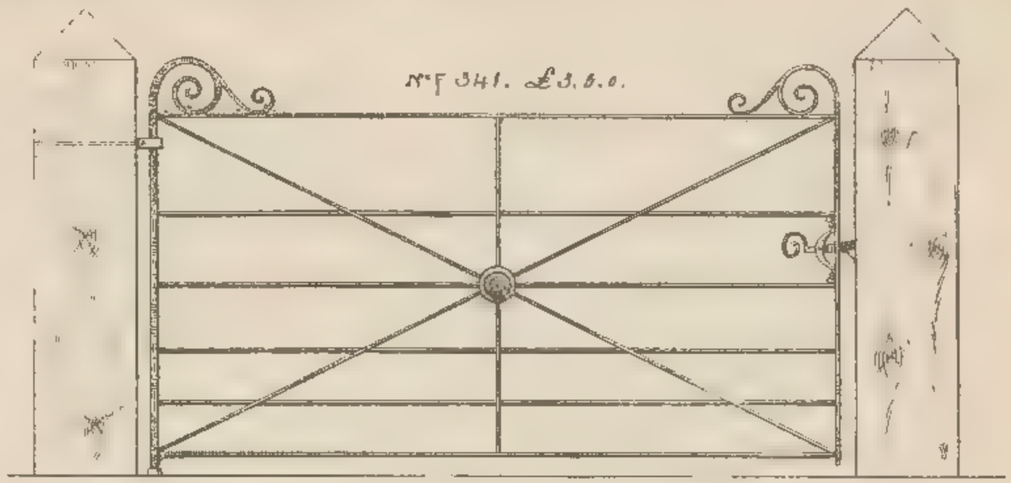
Prices for all (except F 326, 328) are per foot run for ordinary sized Sets including Corner Pillars.

When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

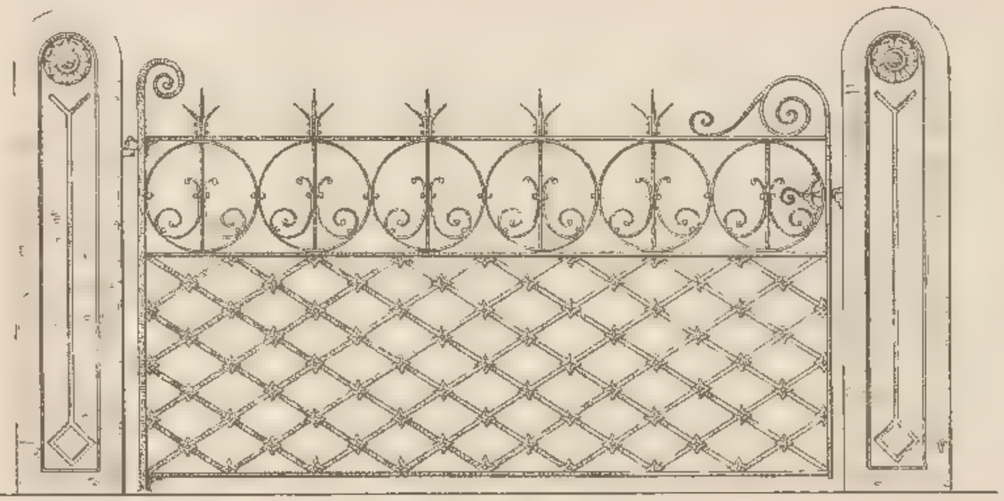
Wrot Iron Field and Entrance Gates.



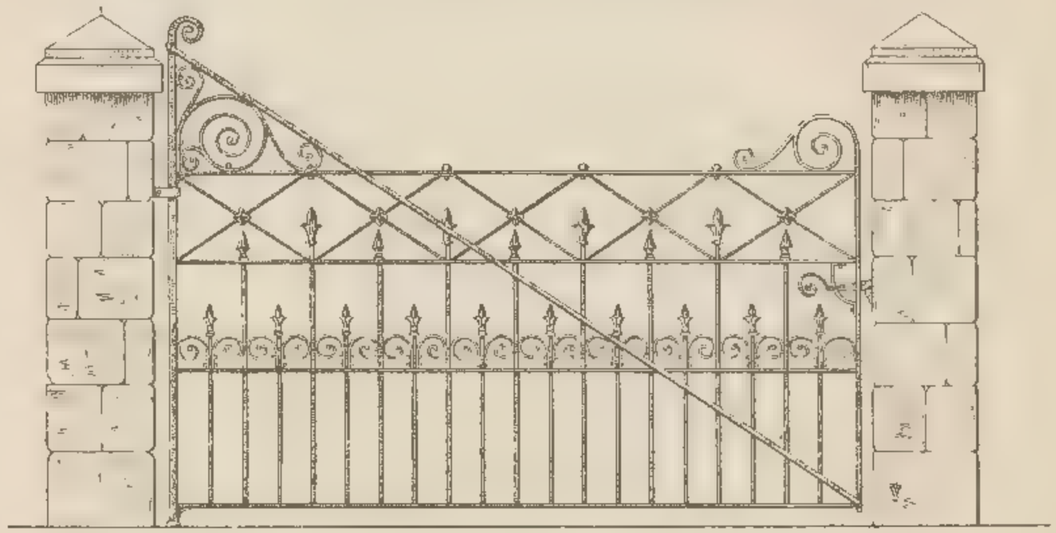
No F 340 £3 16 0



No F 341. £3.6.0.



No F 342 £7.10 0



No F 343 £7 15 0

All forced with Plain Hangings and Latch for Wood or Stone Piers.

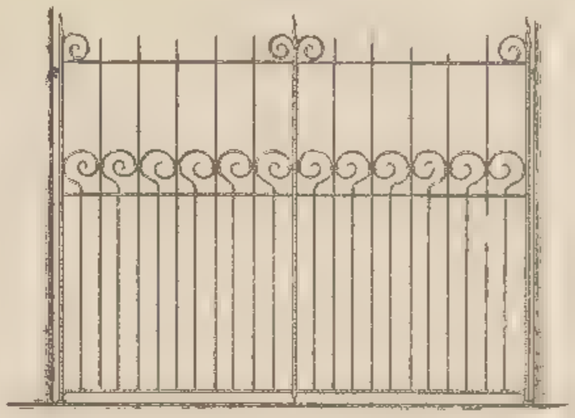
No F 344 £8·12·6

If with Self Closing Hangings and Latch 10/- ea extra

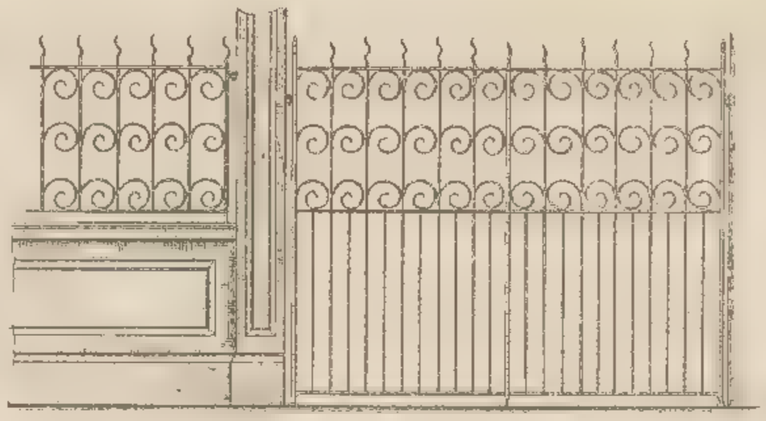
No F 345 £7·12·6

When sizes are not stated prices are to scale of ⅜-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Light Portable Wrot Iron Gates and Grilles.

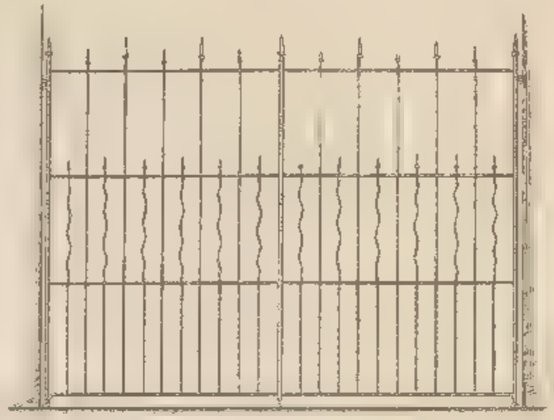


No F 390 Gates £3.14.6 Pair
Single Gate, 3'6"x5'0" high 39/- ea

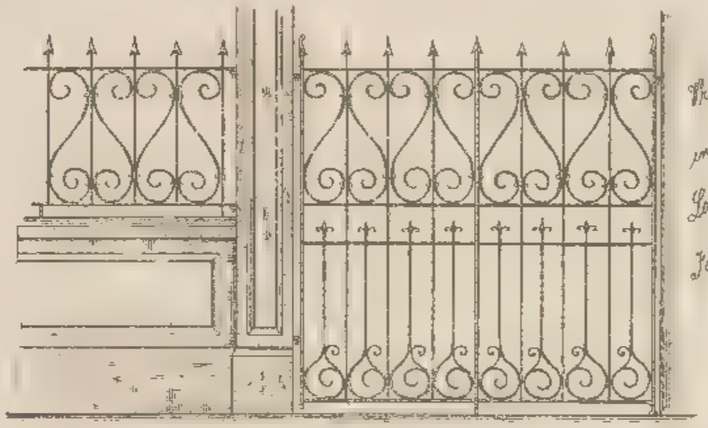


Railing 7/- per foot

No F 391 Gates £4 3 6 Pair



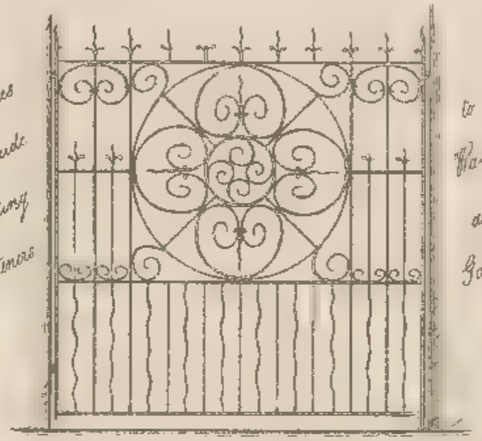
No F 392 Gates £3 3 0 Pair



Railing 7 per ft

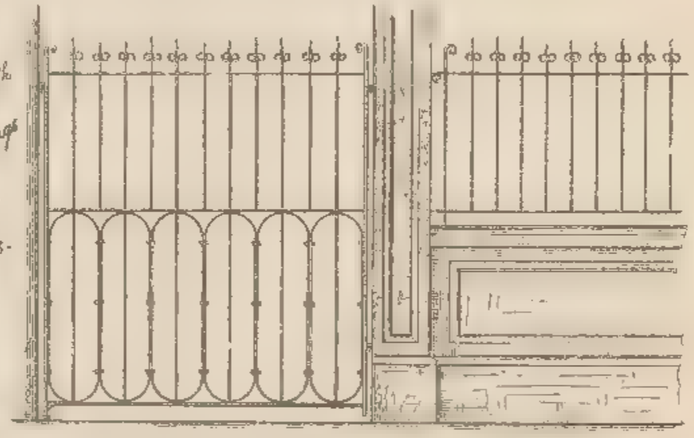
No F 389 Gates £4 5 0 Pair

Prices include Locking Fastenings



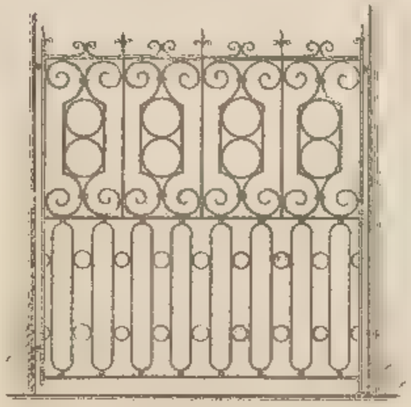
No F 394 Gate £5.7.0 ea

to both Railings and Gates.

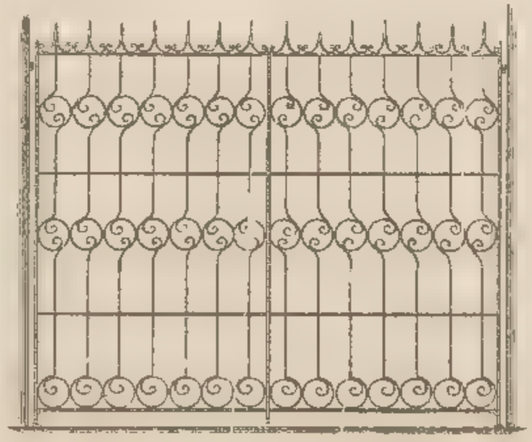


No F 395 Gate £3 15 0 ea

Railing 4/3 per ft

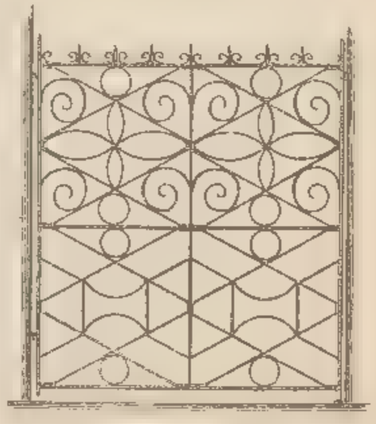


No F 396 Gate £4 6 6 ea



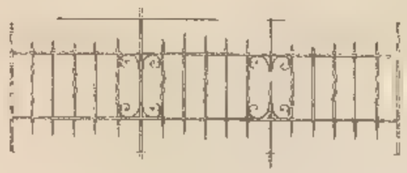
No F 397 Gates £6 13.6 Pair.

No F 398 Gates £5.13.0 Pair

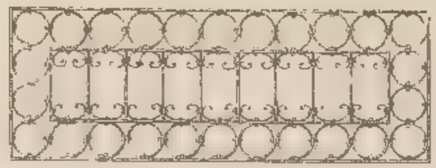


No F 399 Gate £4 11.6 ea.

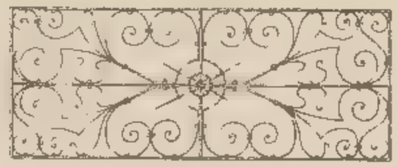
When sizes are not stated prices are to sizes of 2-in. 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.



F 410 £1 4 0

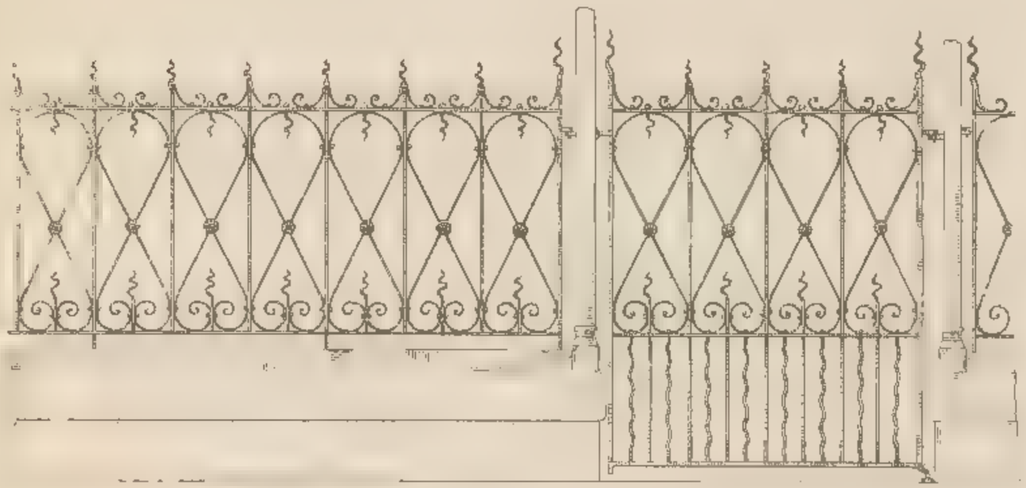


F 411 £3 14 6

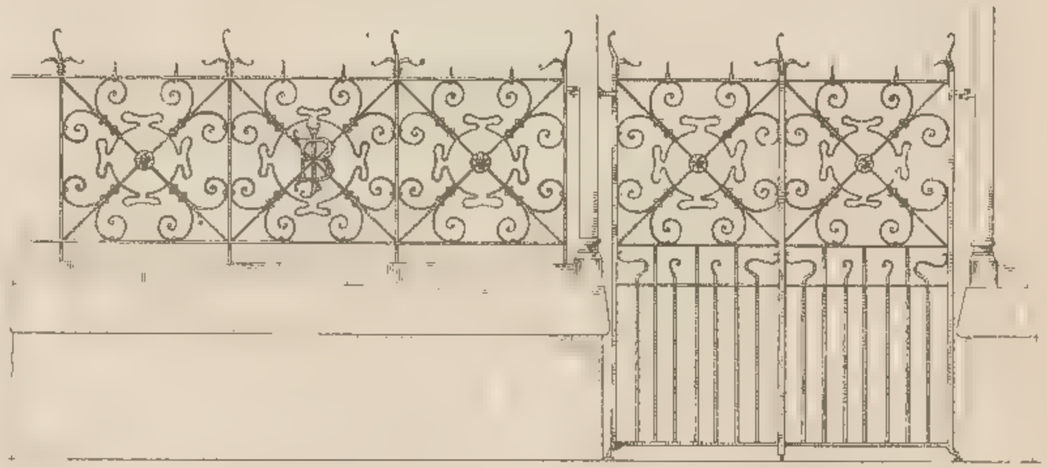


F 412 £5 0 0

F 413 £3 0 0

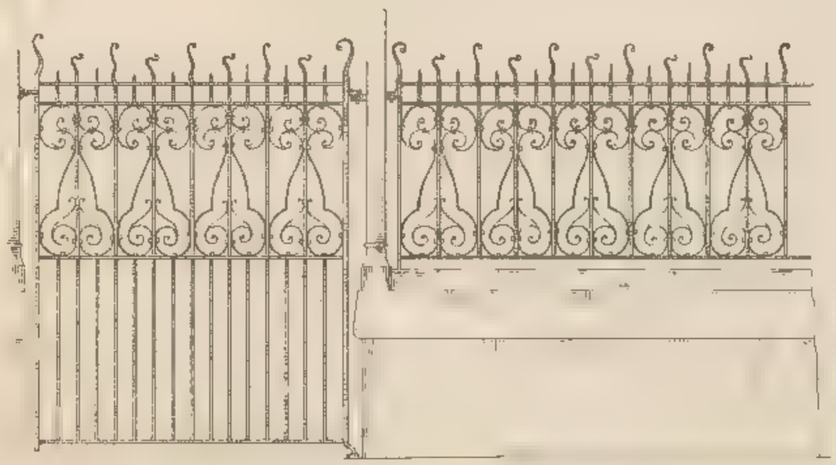


Railing 4 per foot F 403 Gate £3 12 6

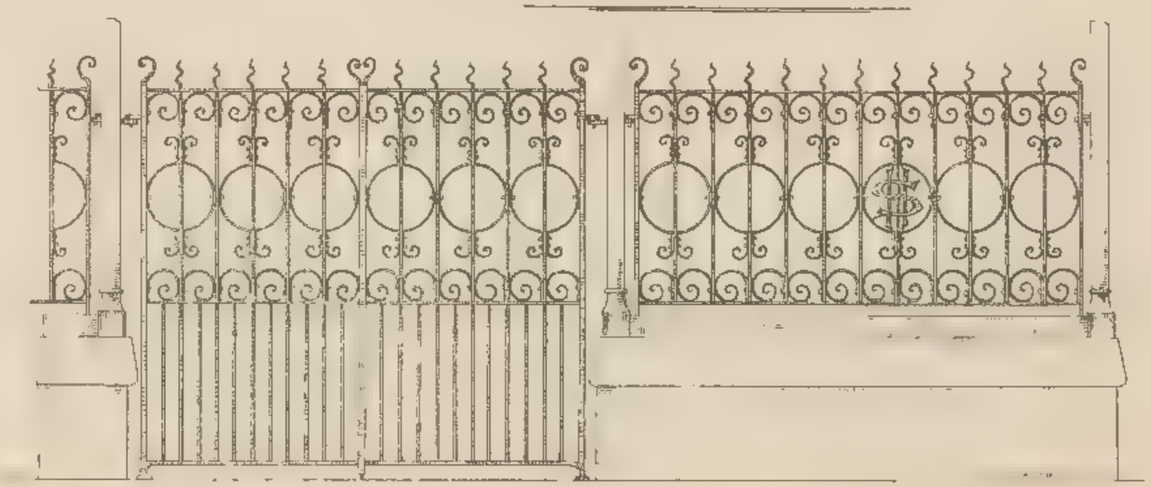


Railing 12/3 per foot F 404 Gates £4 18 6 Pair

Extra for Monogram in Panels 11/6 each



Gate £4 4 F 405 Railing 16/ per foot



Pair Gates £ F 401

Stronger for Entrance Gates £6 15 0

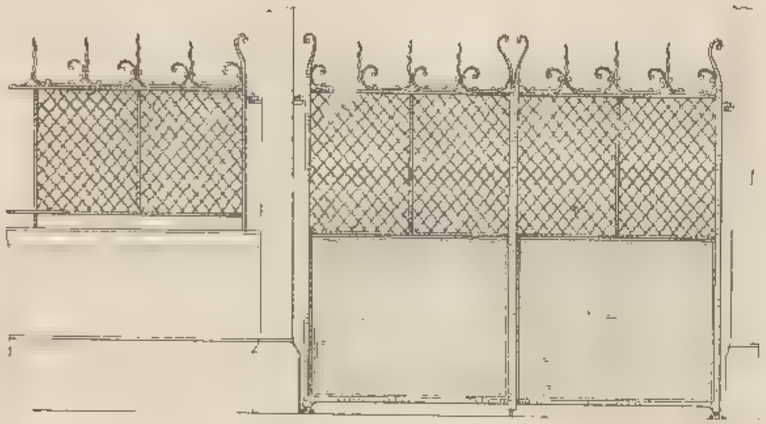
Railing 8 6 per foot

Extra for Monogram in Panels 11/6 each

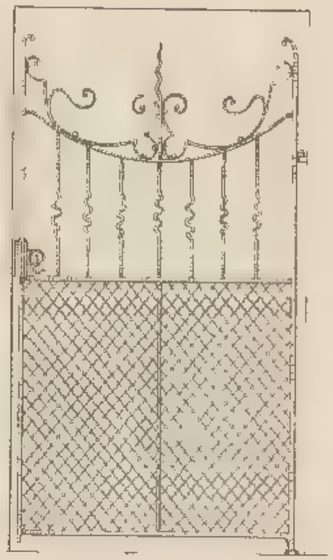
Prices include Locking Fasteners to both Railings and Gates

When sizes are not stated prices are to scale of ⅜-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification

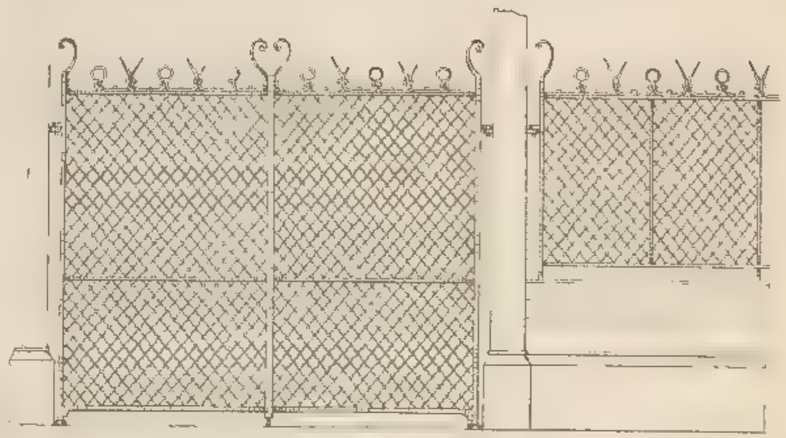
Light Portable Gates and Grilles with Wire Panels.



F 406.
Railing 5/3 per foot. Pair Gates. £ 3.16.0

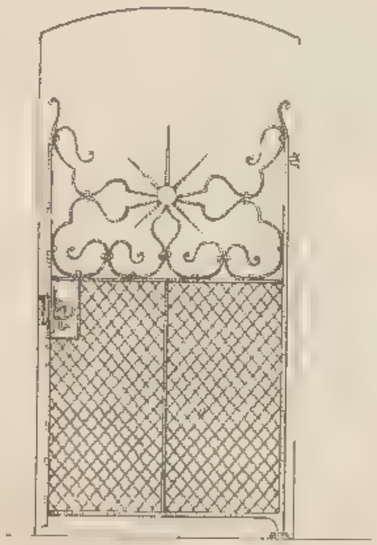


F 421.
Gate £ 3.10.0

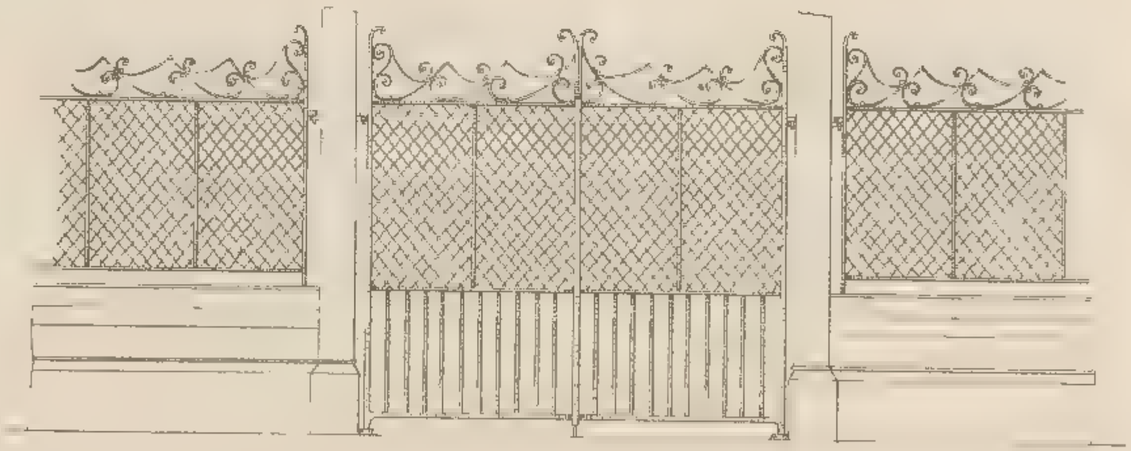


F 407
Pair Gates £ 3.12.6 Railing 5/8 per foot

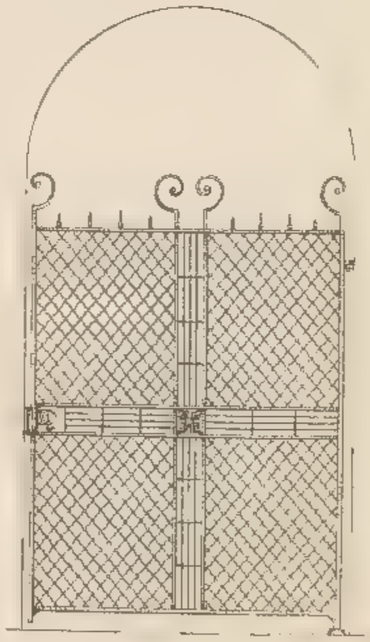
Panels are filled in with Galvd Iron Q wire mesh 1½"
Prices include Locking Fasteners to both Gates & Railings.



F 422.
Gate £ 3.8 0



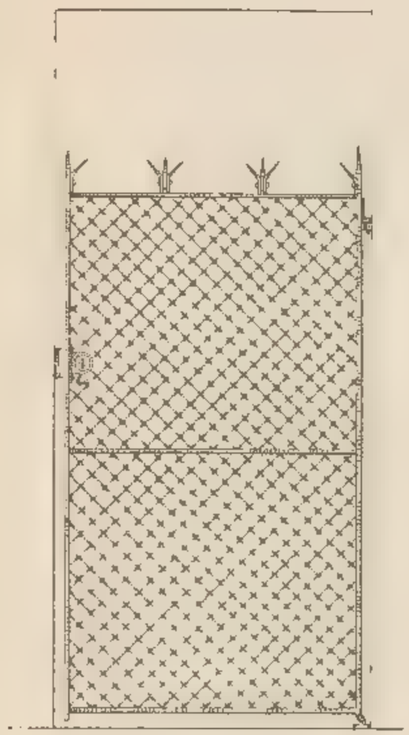
F 408
Pair Gates £ 4.3 6 Railing 7/3 per foot.



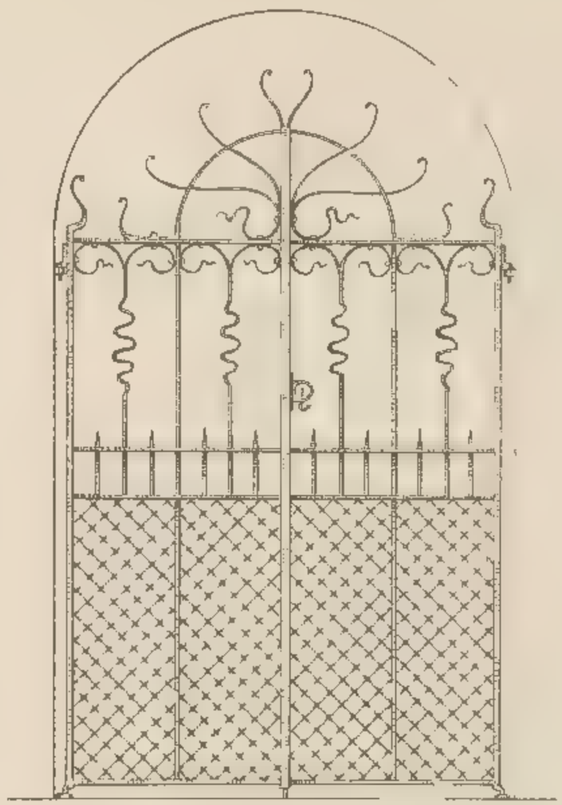
F 423
Gate £ 3 16. 0

When sizes are not stated prices are to scale of ¾-in = 1 ft., but can be made to any size. Special prices for large quantities on receipt of specification

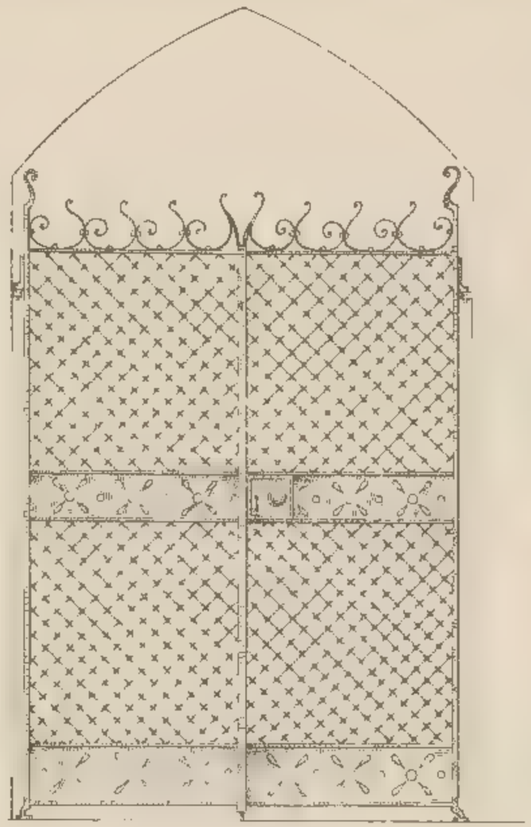
Ventilating Gates with Lattice Panels.



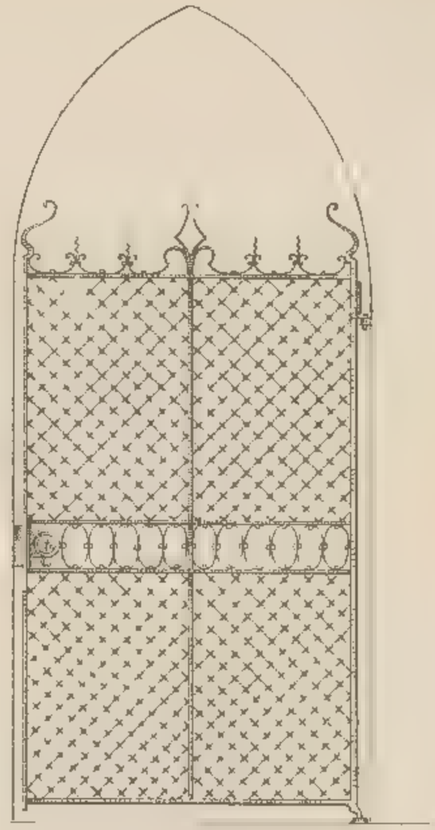
F 870



F 871



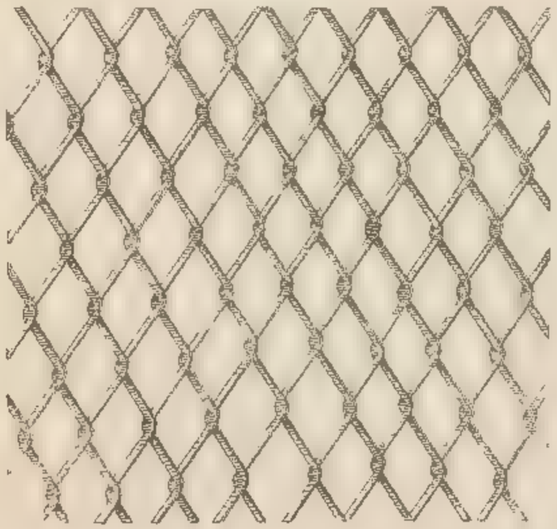
F 872



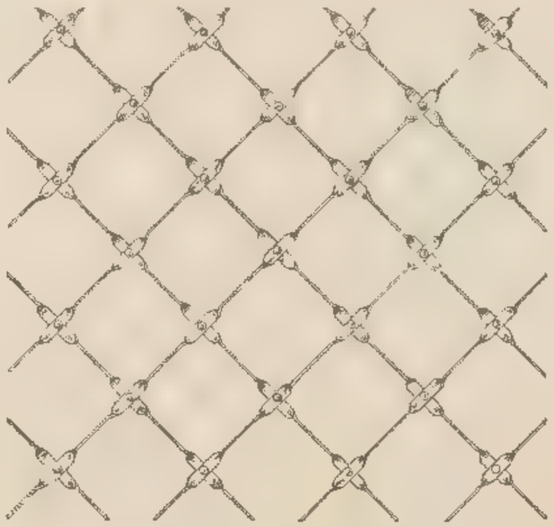
F 873

	F 870	F 871	F 872	F 873
Extended Metal Panels	£1.19.0 each	£4.10.0 Pair	£4.16.0 Pair	£3.10.6 Each
Galvd Wire do	£2.2.0 "	£4.12.6 "	£5.0.0 "	£3.14.0 "
Patent Trellis do	£4.10.0 "	£6.14.0 "	£8.10.0 "	£6.10.0 "

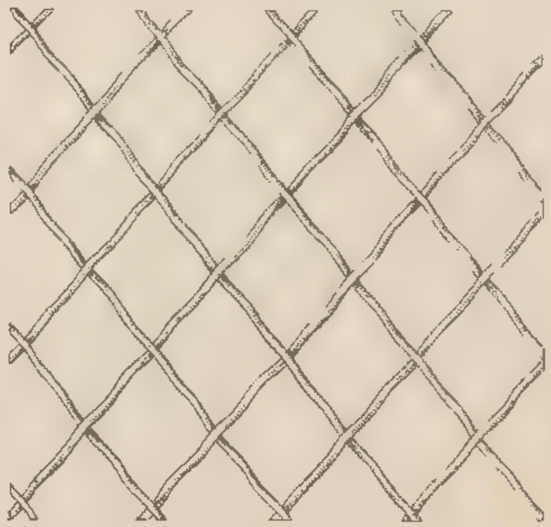
EXTENDED METAL.



PATENT TRELLIS.



GALVANIZED WIRE TRELLIS

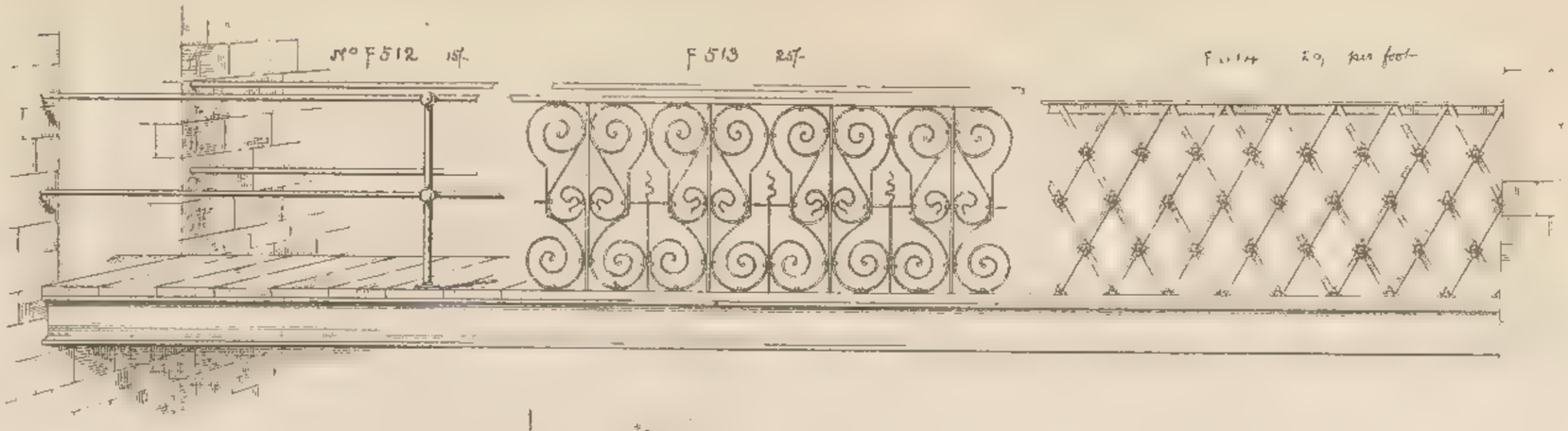


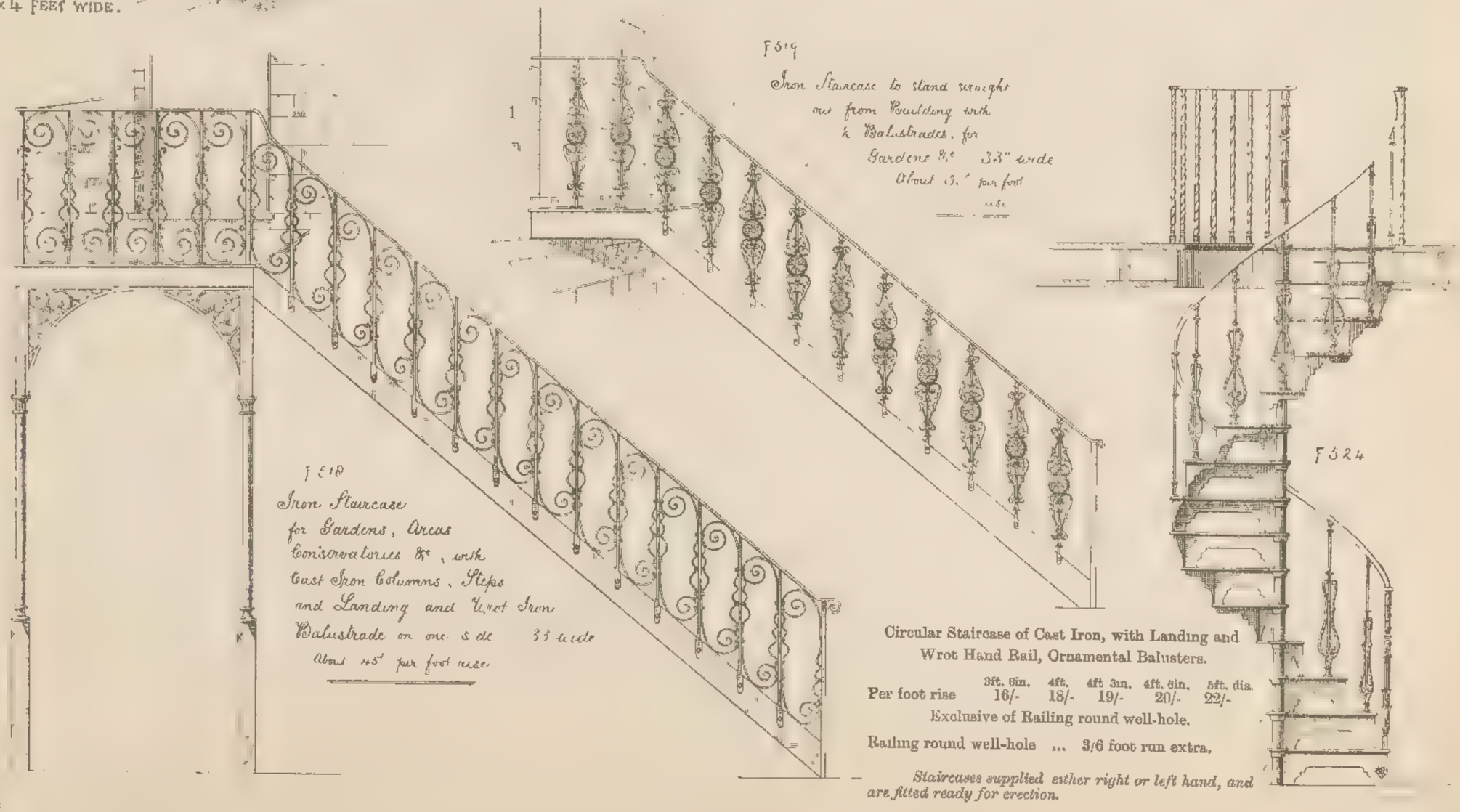
THESE SAMPLES ARE ONE QUARTER FULL SIZE.

When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Iron Stairs and Foot Bridges.

FOOT BRIDGE WITH PLANK FLOOR. FOR SPANS UP TO 30 FEET. x 4 FEET WIDE.





Circular Staircase of Cast Iron, with Landing and Wrot Hand Rail, Ornamental Balusters.

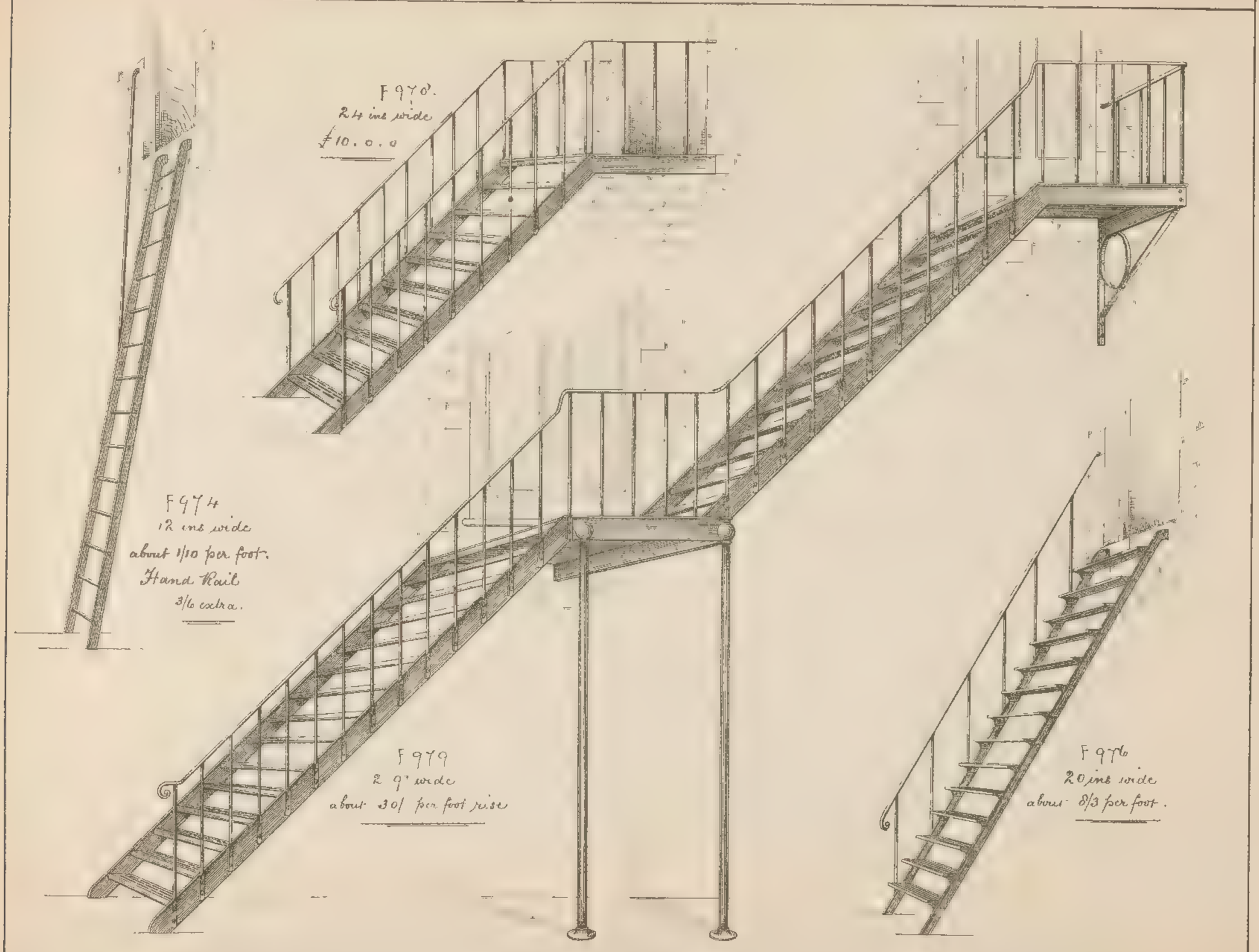
	3ft. 6in.	4ft.	4ft 3in.	4ft. 6in.	5ft. dia.
Per foot rise	16/-	18/-	19/-	20/-	22/-

Exclusive of Railing round well-hole.

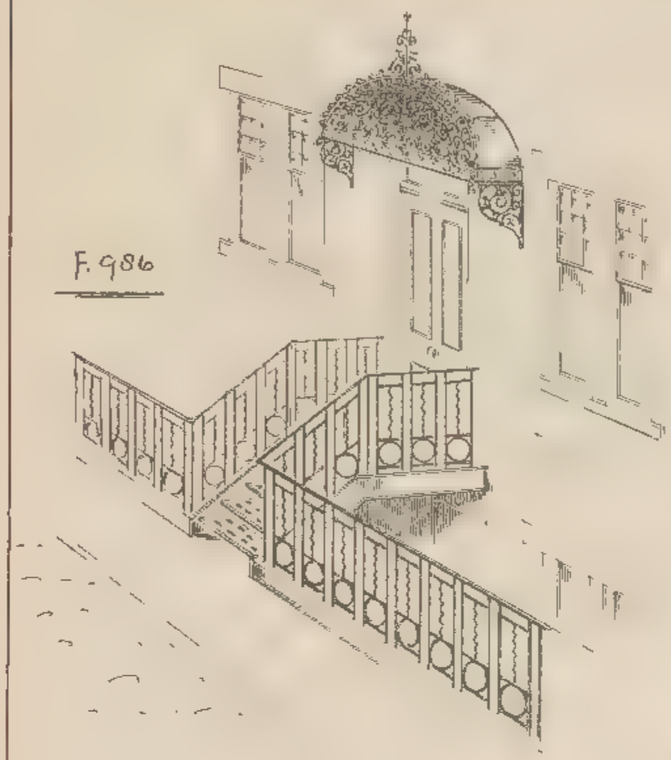
Railing round well-hole ... 3/6 foot run extra.

Staircases supplied either right or left hand, and are fitted ready for erection.

When sizes are not stated prices are to scale of ⅜-in. = 1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

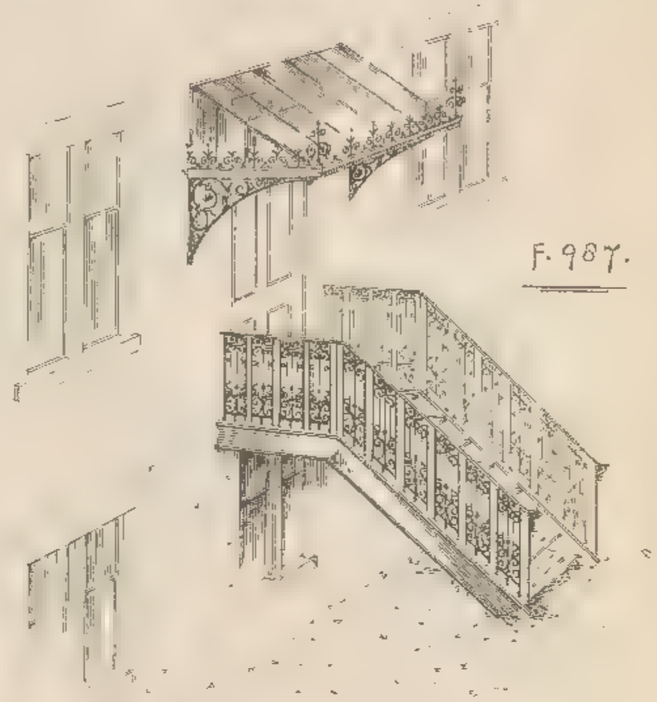


When sizes are not stated prices are to scale of ⅜-in.=1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

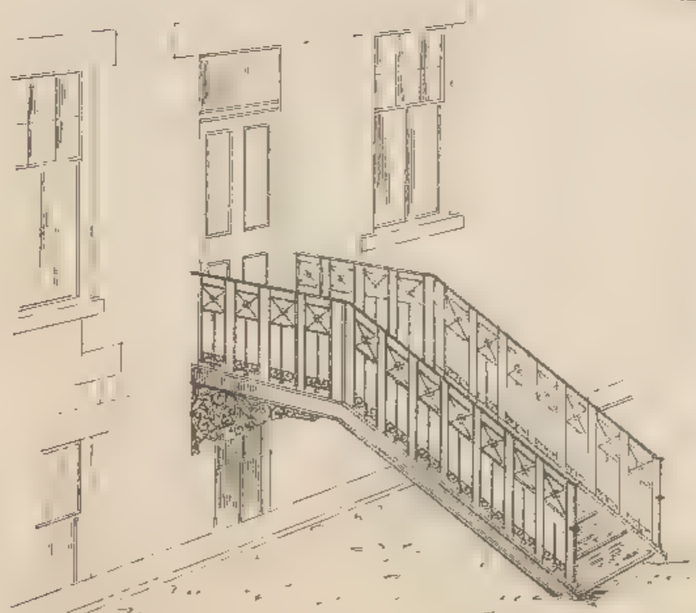


F. 986

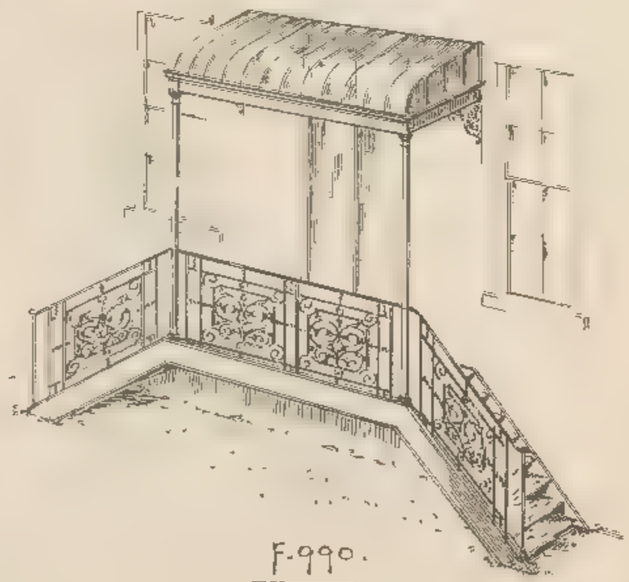
F. 989.



F. 987.

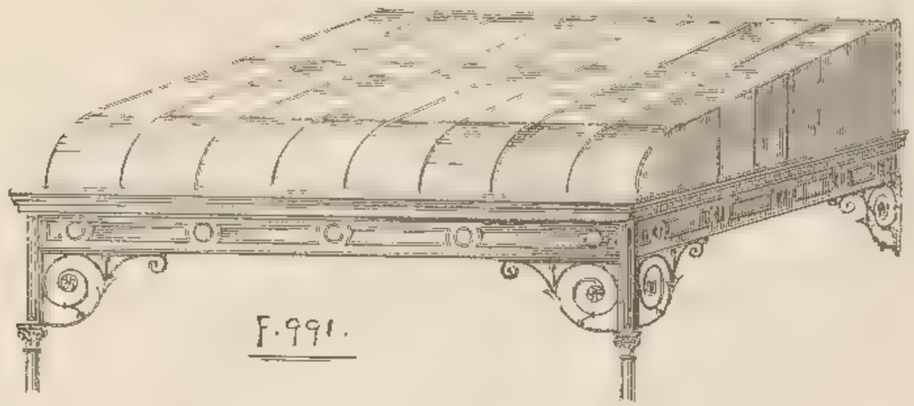


F. 988.



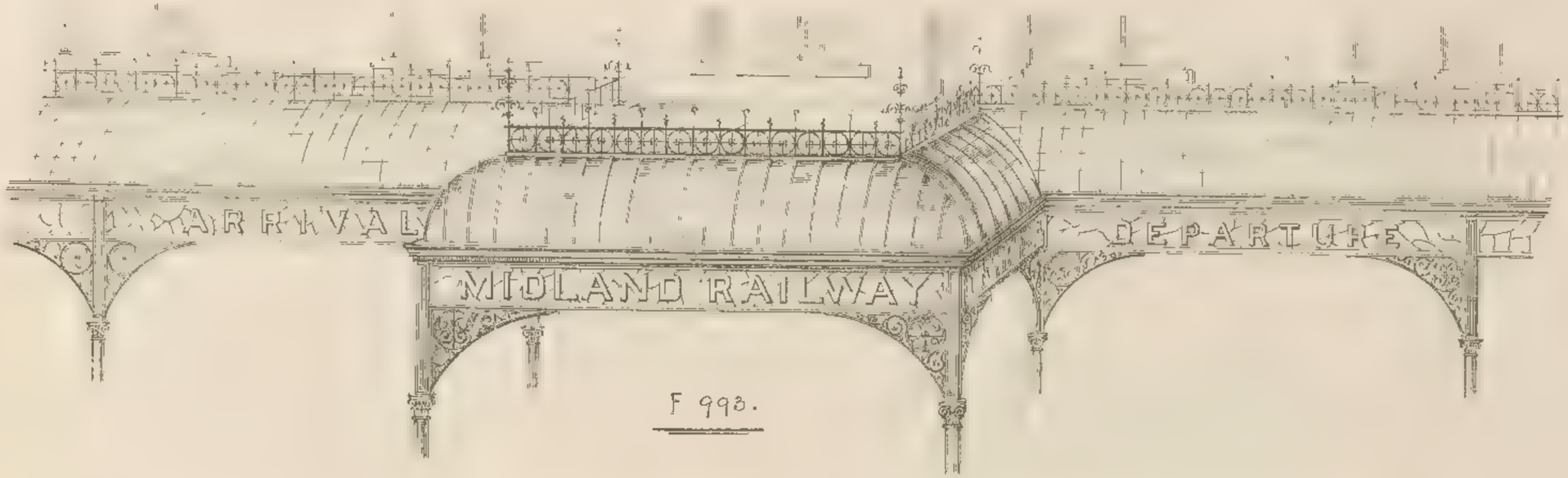
F. 990.

Quotations on receipt of requirements.



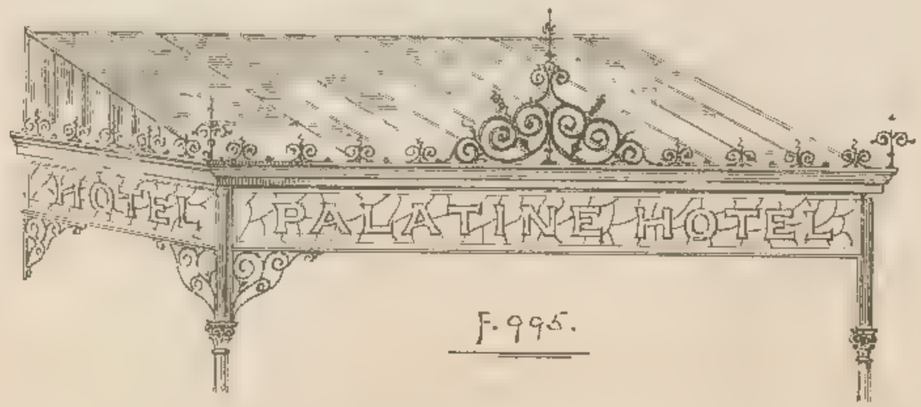
F.991.

F.992.



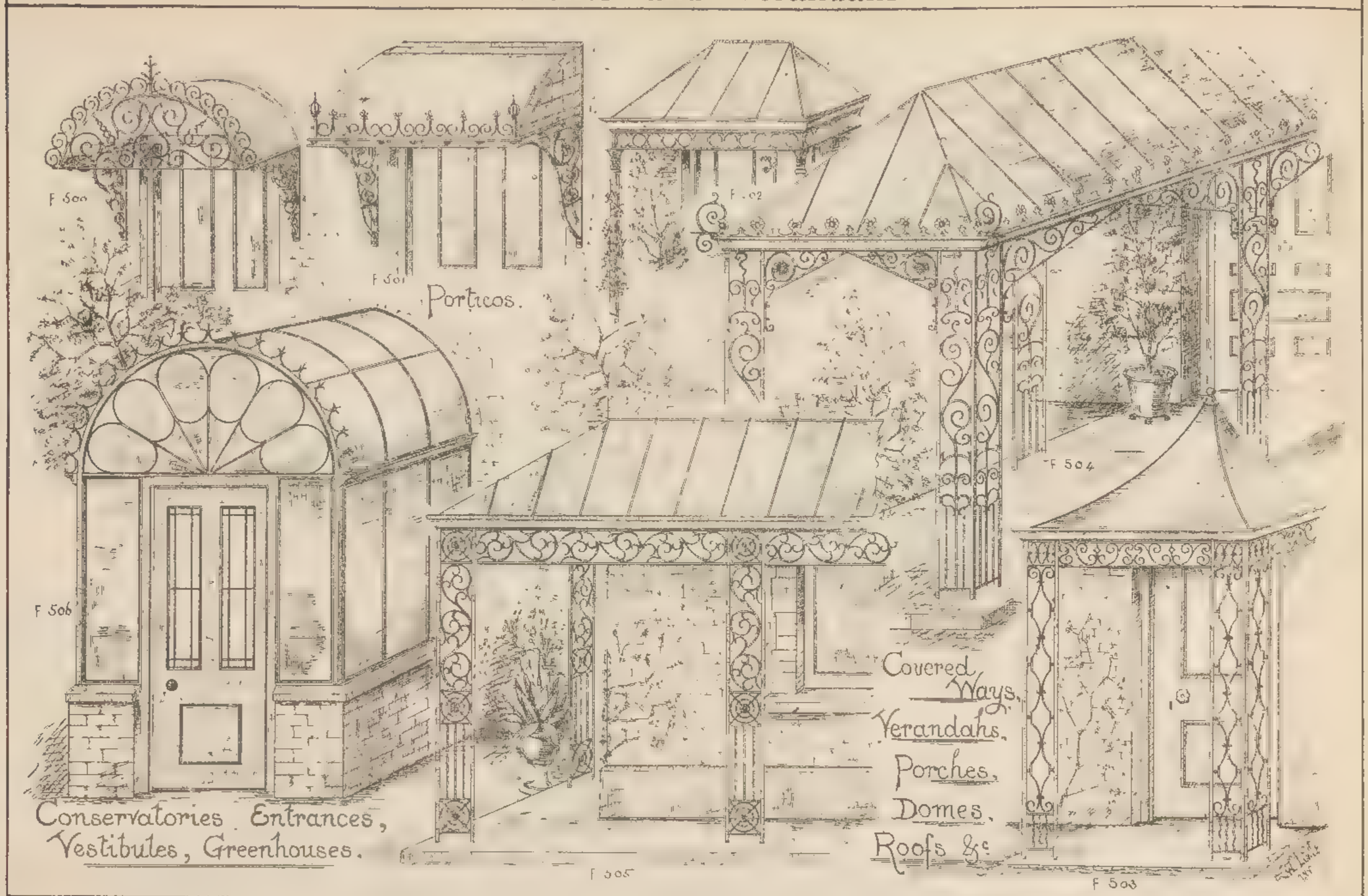
F 993.

F.994.



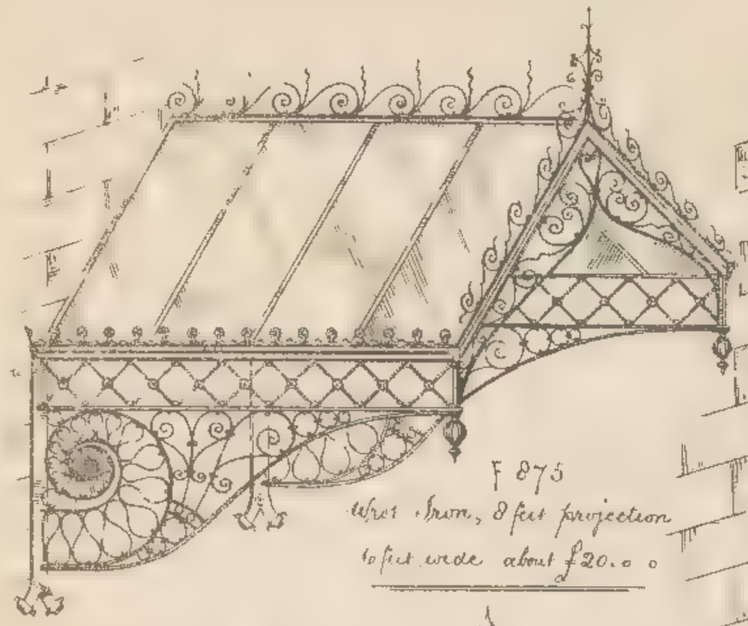
F.995.

Quotations on receipt of requirements.



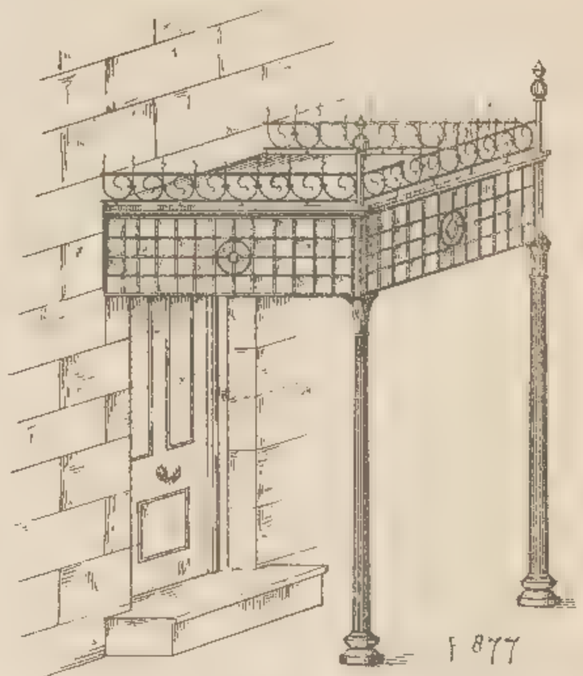
PORTICOS	No. F 500.	Metal Roof, £4 to £5. No. F 501. Metal Roof, £6 10s. to £8.
PORCHES	No. F 502.	Glass Roof, £7 10s. to £8 10s. No. F 503. Metal Roof, Wrot Pilasters, £10 to £11. Cast Pilasters, £6 10s. to £7 10s.
VERANDAHS	No. F 505	Glass Roof, Wrot Framework, Cast Scrolls, 16/6, to 20/. per foot run.
COVERED WAYS	No. F 504.	Glass Roof, Wrot Pilasters, 35/- to 45/- per foot run. If Cast Columns as F 860, 32/- to 40/- per foot run.
COVERED ENTRANCES	No. F 506.	Exclusive of Masonry, £18 to £22.

Above approximate prices are fitted ready for erection and include Glass. Where sizes are not named, prices are to a scale of ⅜-in. 1-ft., but can be made to any dimensions. Exact estimates on receipt of details, &c.

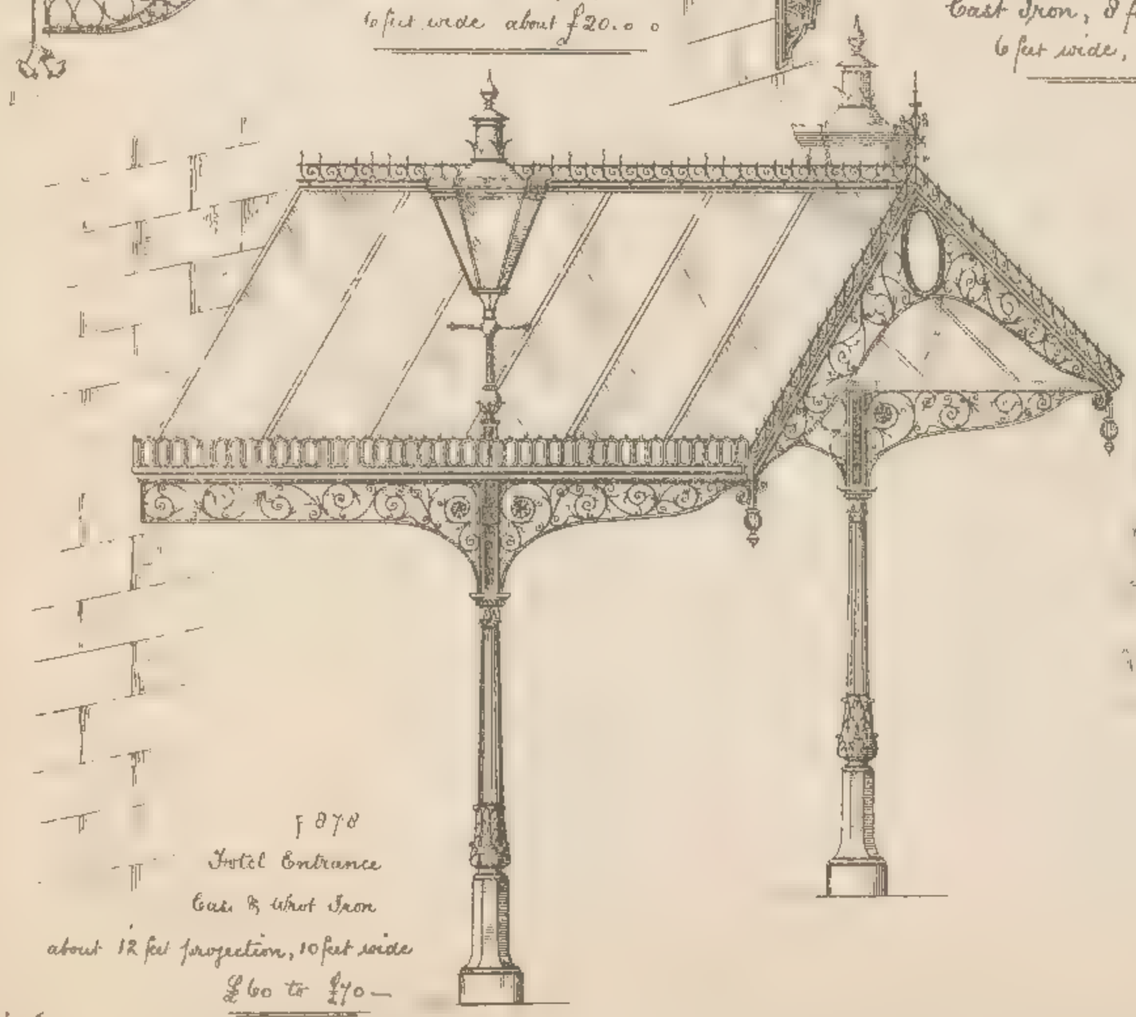


F 875
Wrot Iron, 8 feet projection
6 feet wide about £20. 0 0

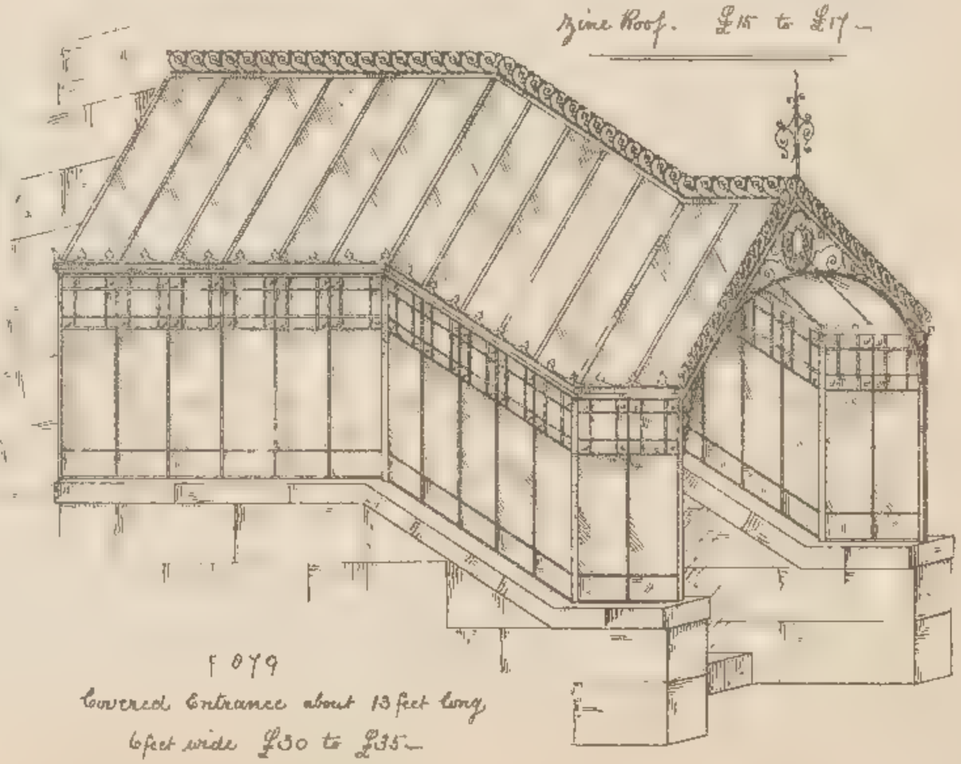
F 876
Cast Iron, 8 feet projection
6 feet wide, about £23. 10. 0



F 877
Entrance Porch Colored Leaded Glass.
Zinc Roof. £15 to £17 –

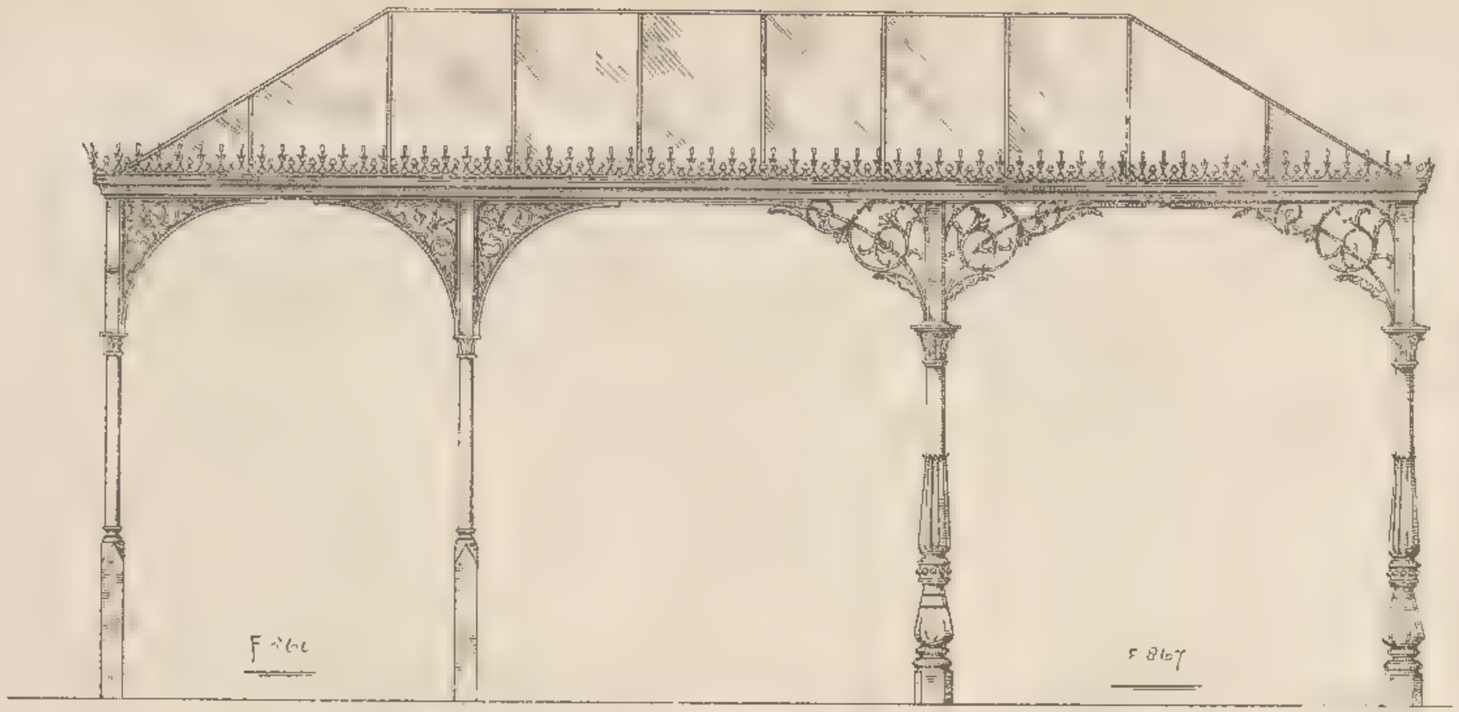


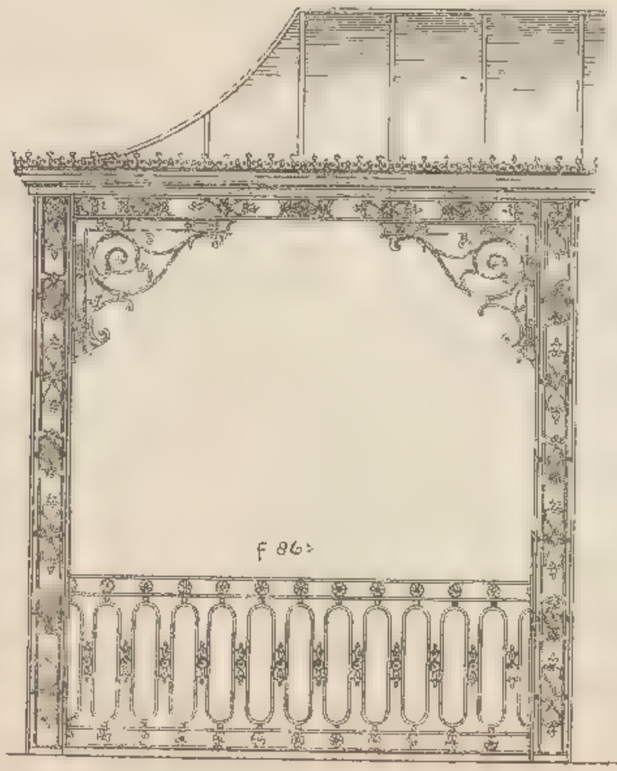
F 878
Hotel Entrance
Cast & Wrot Iron
about 12 feet projection, 10 feet wide
£60 to £70 –



F 879
Covered Entrance about 13 feet long,
6 feet wide £30 to £35 –

Above approximate prices are fitted ready for erection and include Glass. Where sizes are not named, prices are to a scale of ¼-in.—1-ft., but can be made to any dimentions. Exact estimates on receipt of details, &c.





PRICES.

No. F 860.

Cast Pillars, Brackets, Gutter & Cresting. Pillars about 7 feet apart. Glass Roof.

18/- to 22/- per foot run.

No. F 867.

Cast Pillars, Brackets, Gutter & Cresting. Pillars about 7 feet apart. Glass Roof.

20/- to 24/- per foot run.

No. F 862.

Cast Pilasters, Brackets, Frieze, Gutter & Cresting. Pilasters about 9 feet apart. Zinc Roof.

23/- to 26/- per foot run.

Railing for ditto 2-ft. 9-in. high, fitted with half round Top Rail.

5/9 per foot run.

No. F 880.

Cast Pilasters, Brackets, Gutter & Cresting. Pilasters about 9 feet apart. Zinc Roof.

29/- to 33/- per run foot.

Projection from wall about 4 feet. Quotations for other sizes and designs on receipt of requirements.

PRICES.

No. F 868.
Wrot Pilasters, Brackets and Frieze. Cast Gutter and Cresting, Pilasters about 9 feet apart. Zinc Roof

26/- to 31/- per foot run.

No. F 869.
Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9 feet apart. Zinc Roof.

26/- to 31/- per foot run.

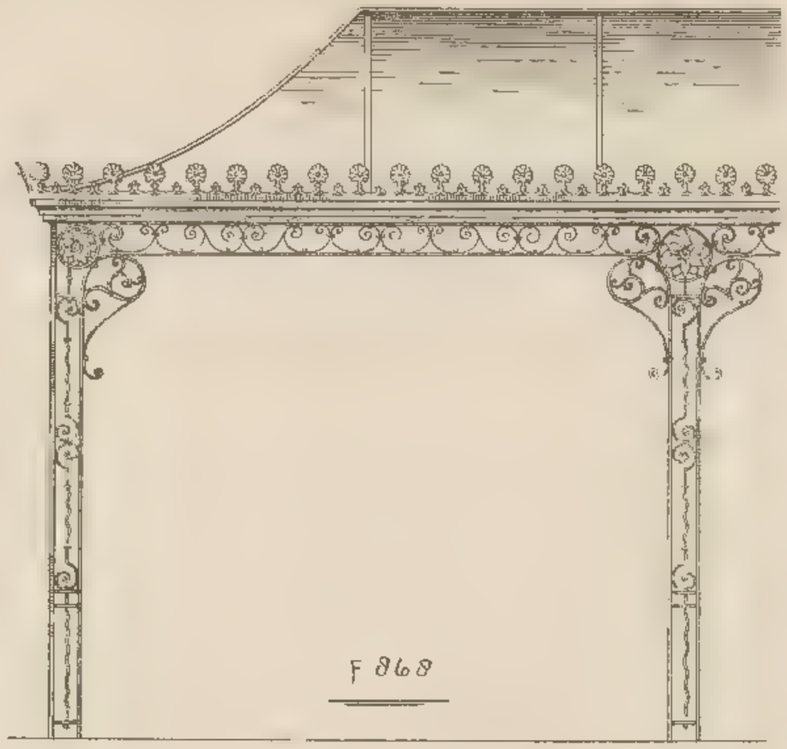
No. F 865.
Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9 feet apart. Glass Roof.

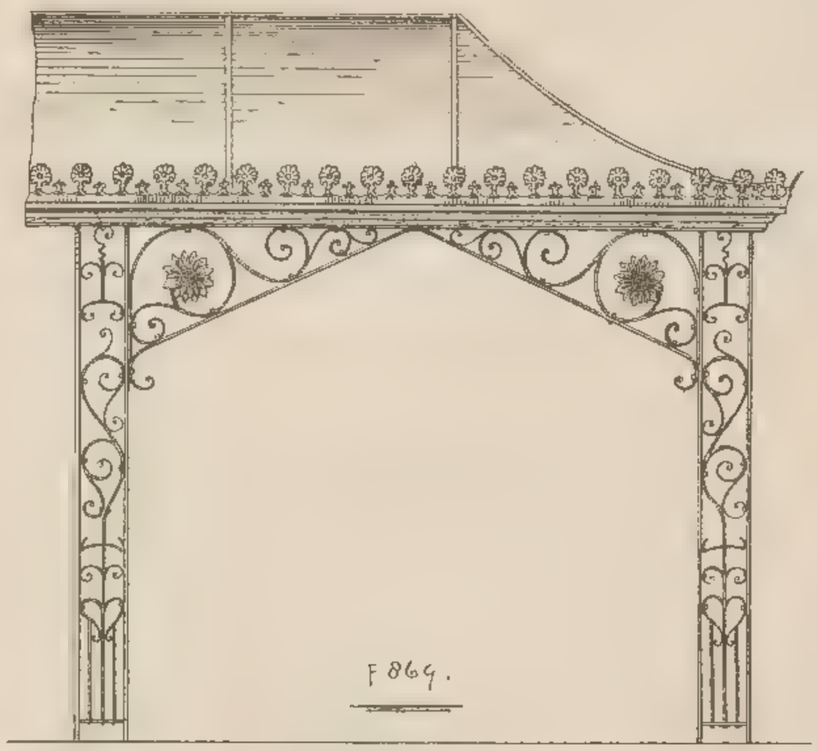
28/- to 32/- per foot run.

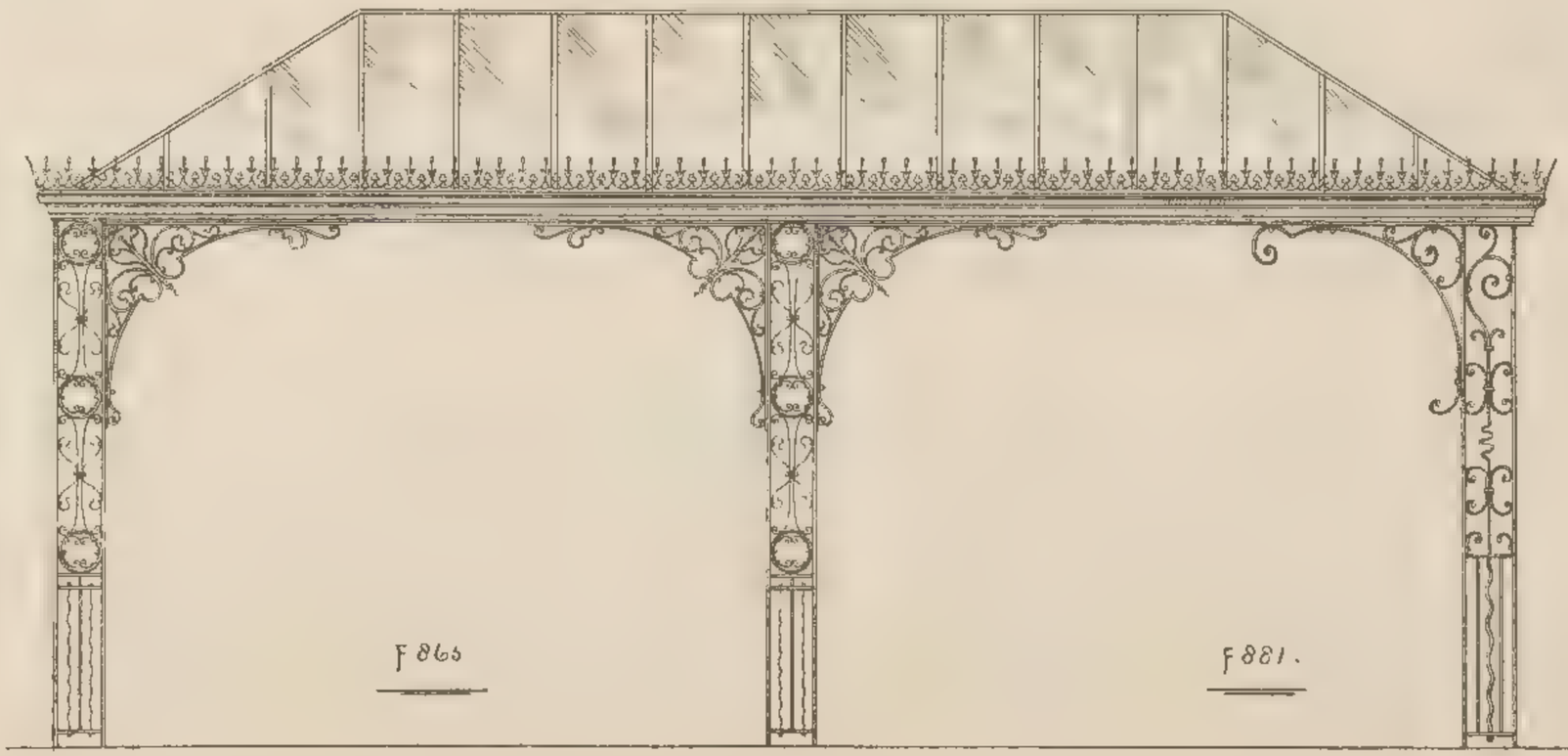
No. F 881.
Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9 feet apart. Glass Roof.

21/- to 25/- per foot run.

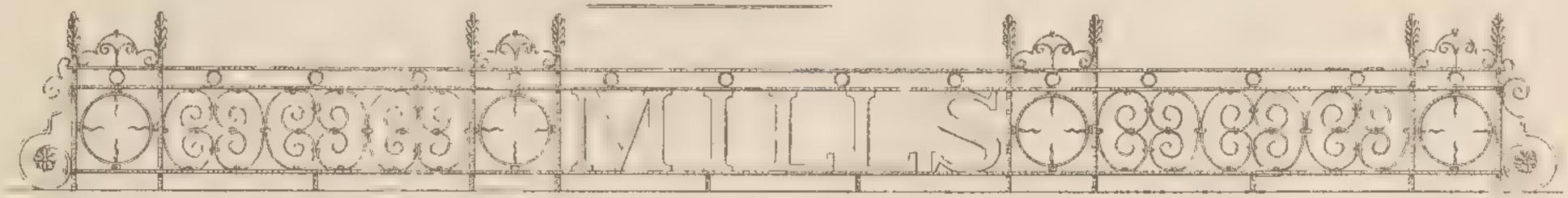
Projection from wall about 4 feet. Quotations for other sizes and designs on receipt of requirements.







No F 416. about 15/9 per foot.



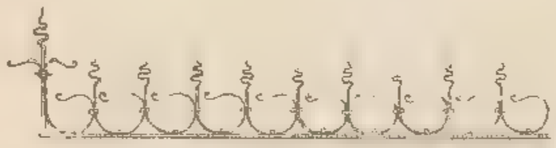
No F 417. about 1/ per foot

No F 418 about 14/- per foot

No F 419. about 14/6 per foot.

When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

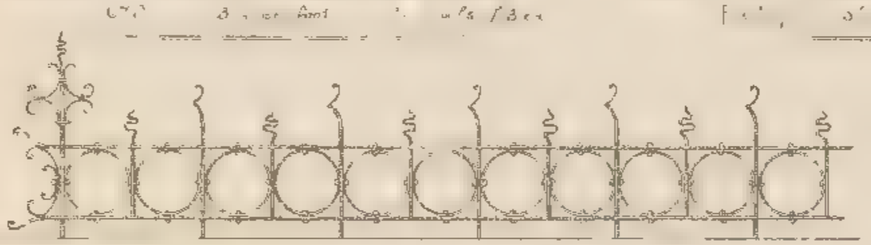
F 424. £16 [illegible]



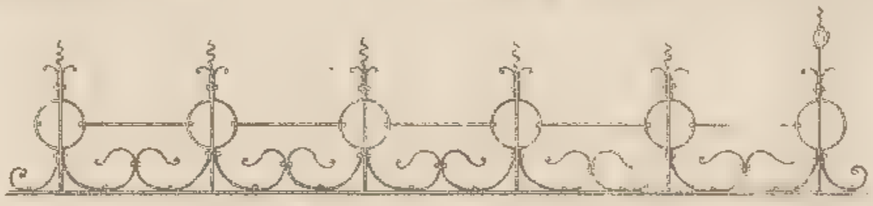
[illegible] 3 [illegible] foot [illegible] 13 ea

F [illegible] 5/ per foot Finials 11/6 ea

F [illegible] [illegible] per foot Finials 12/9 each



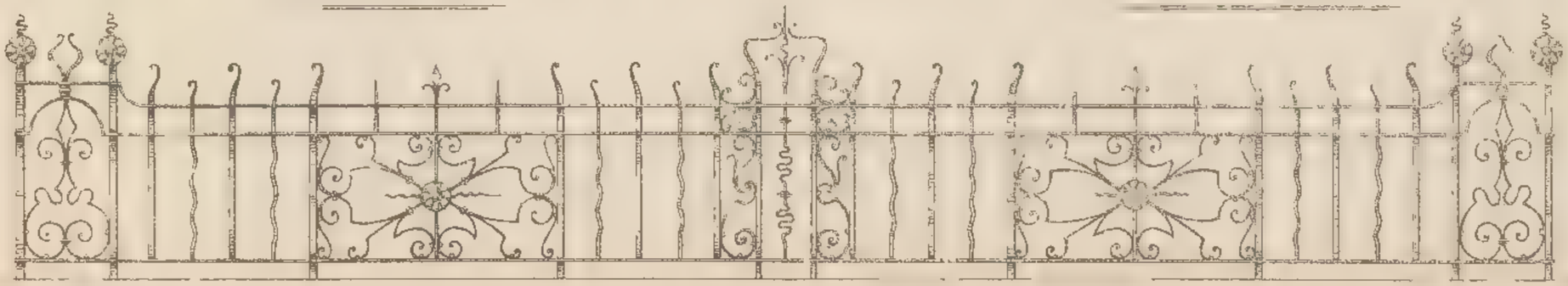
F 681 6/9 per foot Finials 16/6 ea



F 682 5/3 per foot Finials [illegible]

F 683 [illegible]

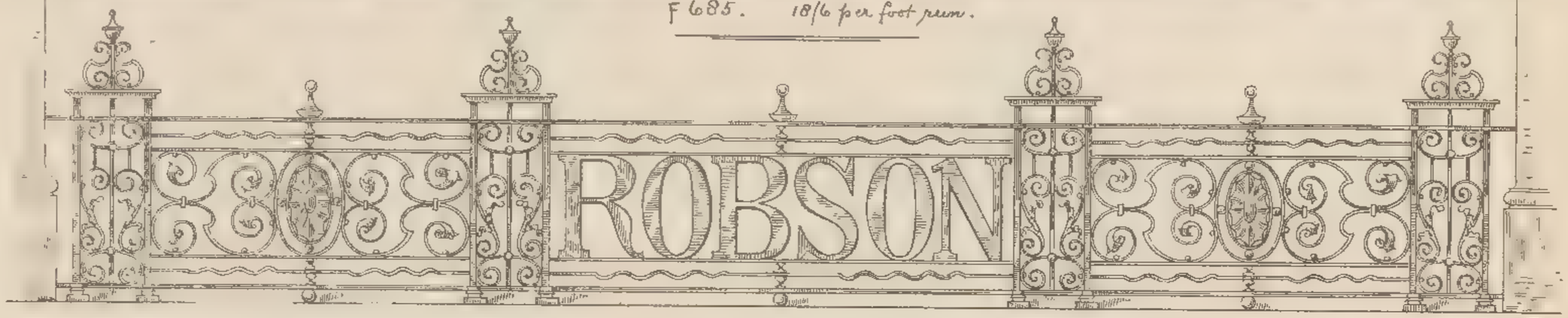
F 457. 15/6 per foot.



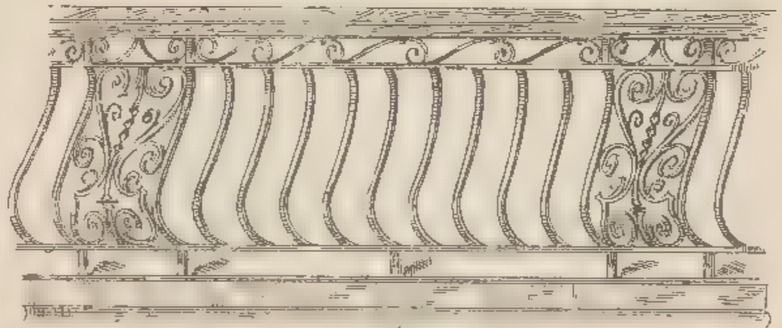
When sizes are not stated prices are to scale of ½-in = 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Balcony and Shop Front Railing.

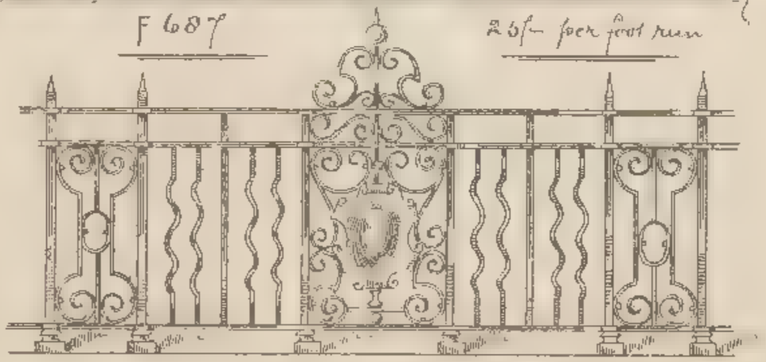
F 685. 18/6 per foot run.



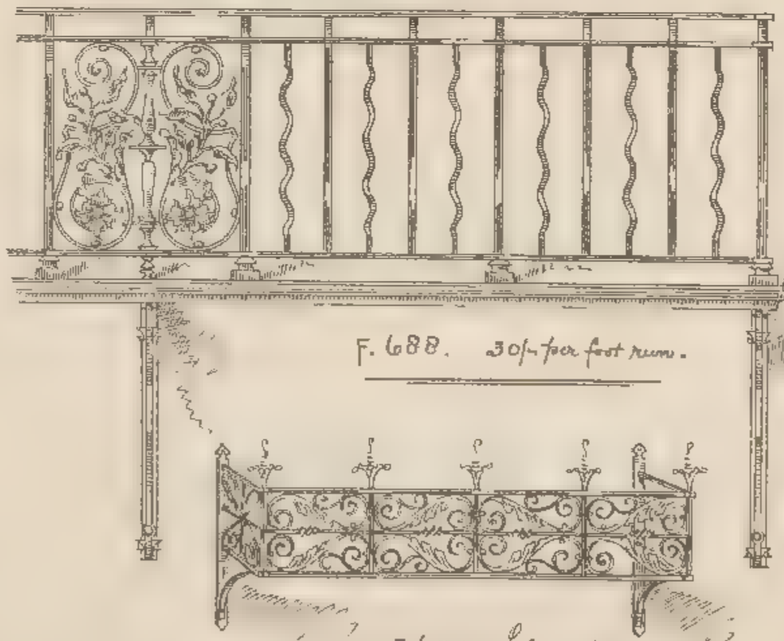
F 686. 24/6 per foot run



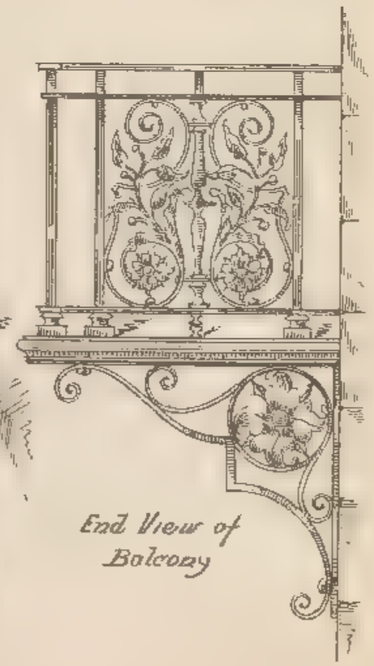
F 687 25/- per foot run



F 689 18/- per foot run



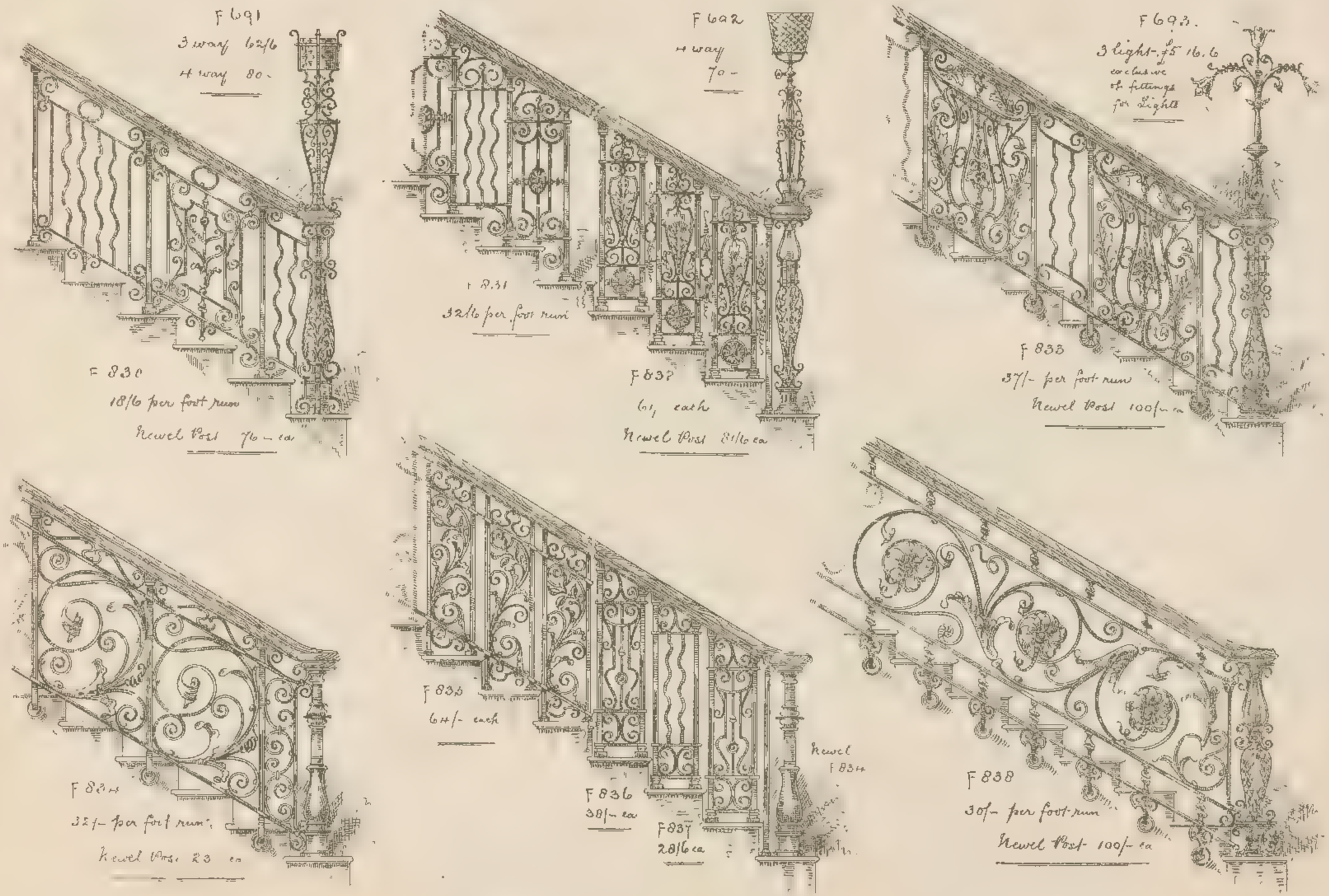
F. 688. 30/- per foot run.



End View of Balcony

F 690 £7. 4 6 each

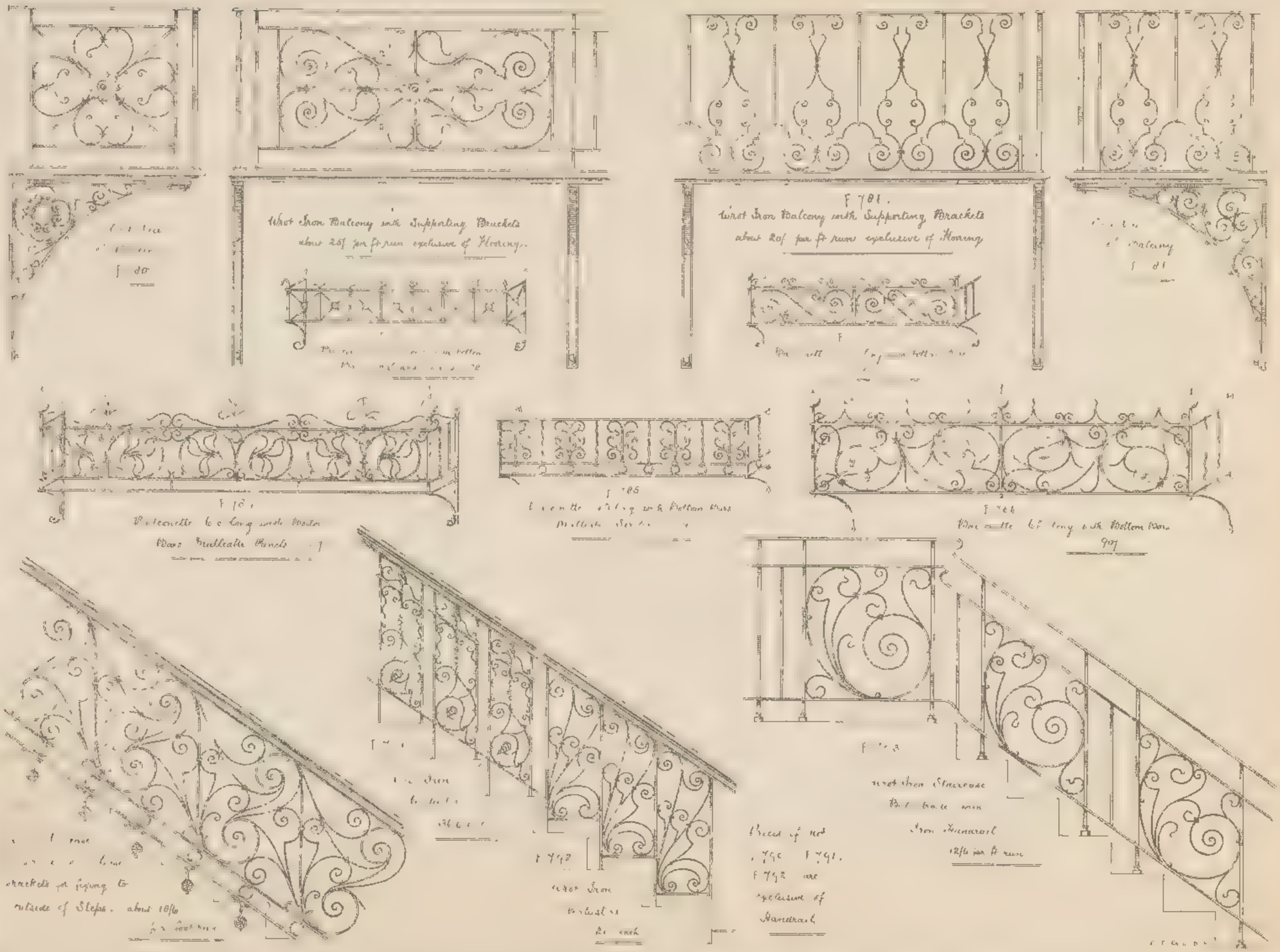
When sizes are not stated prices are to scale of ½ in — 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.



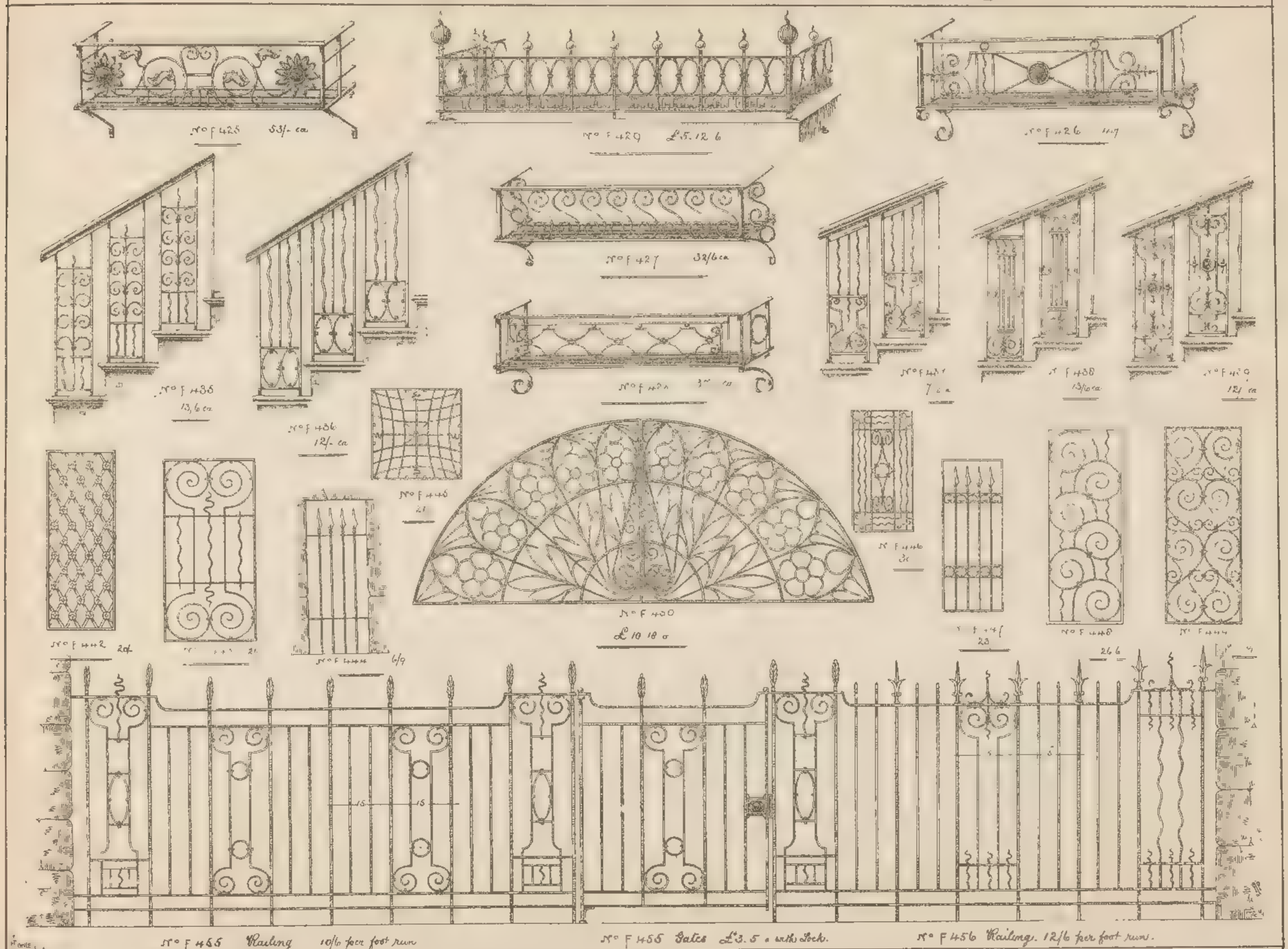
Prices are exclusive of Standard.

When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Balconies, Balconettes and Balustrades.

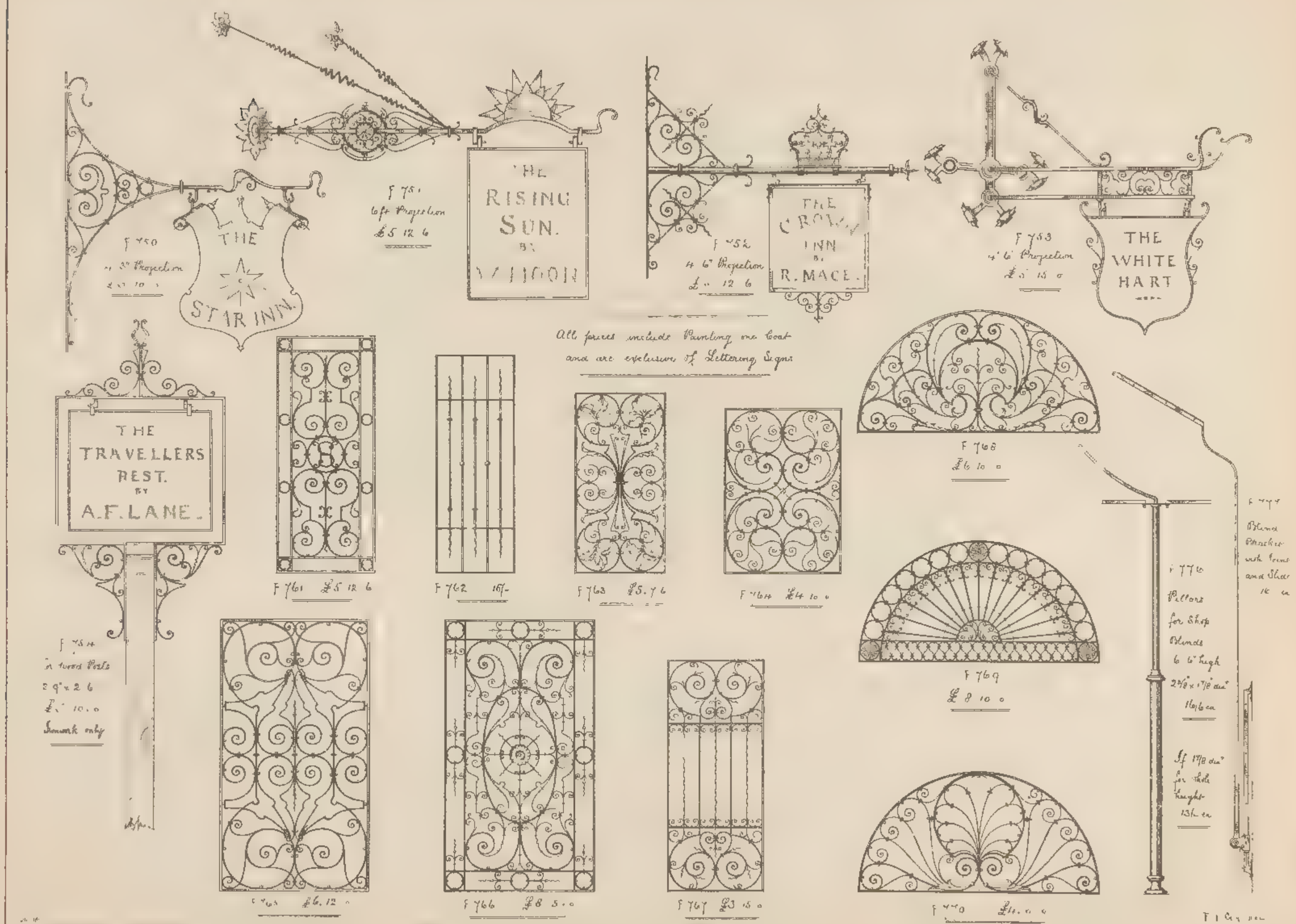


When sizes are not stated prices are to scale of 1-in.=1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.



When sizes are not stated prices are to scale of ½-in.=1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

Signs, Grilles, Blind Posts and Brackets.



When sizes are not stated prices are to scale of ½-in.=1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

F 476 £5 4 .

£ 4 .

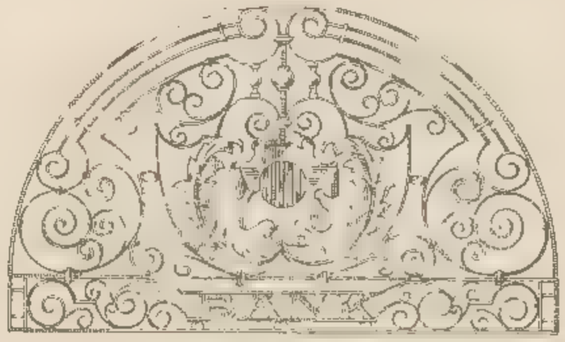
Polished Bronze Letters

F 476

£7 10 .

F 479 £13 11 .

Polished Bronze Letters

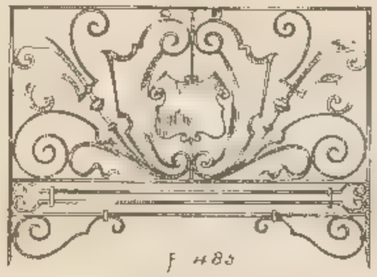


F 483 £9 2 6

Polished Bronze Letters

F 484 £7 11

All prices include painting one coat exclusive of painted Letters on Shields.



F 485

£5 15 .

F 486 £13 10 .

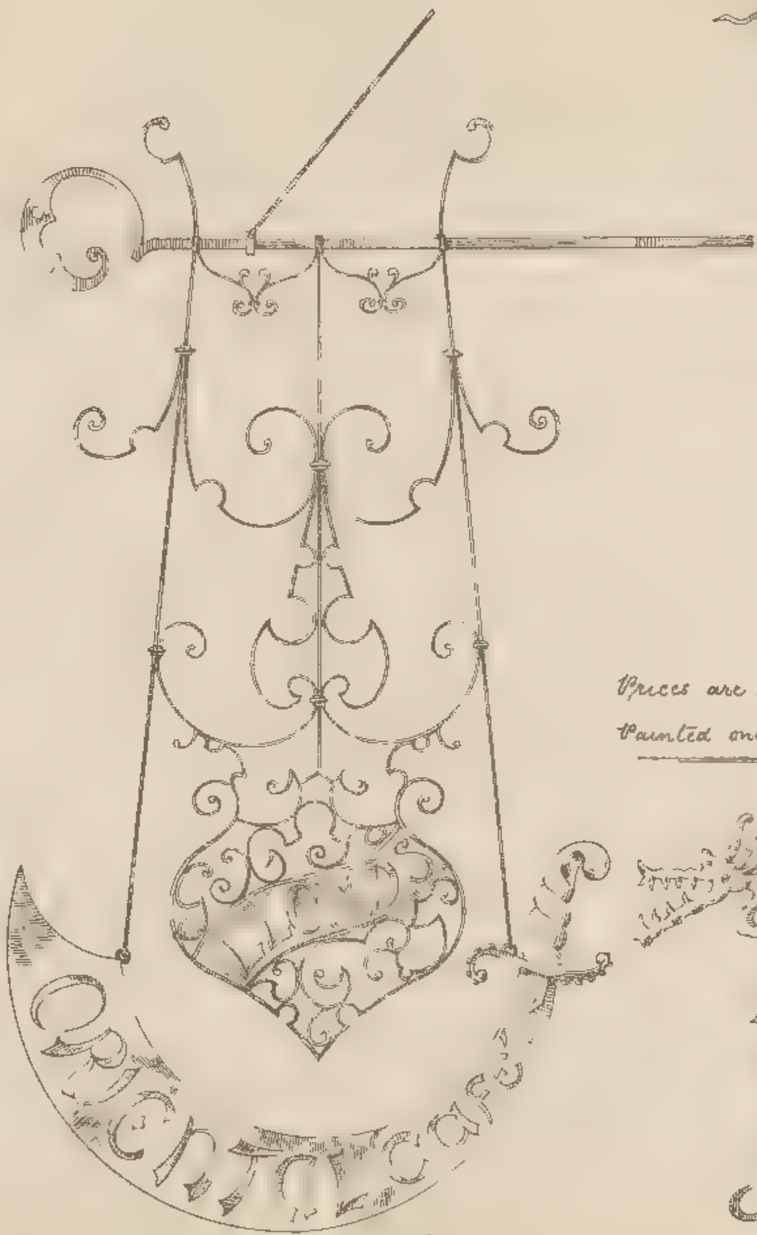
Polished Bronze Letters

F 487

£ 5 . .

When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

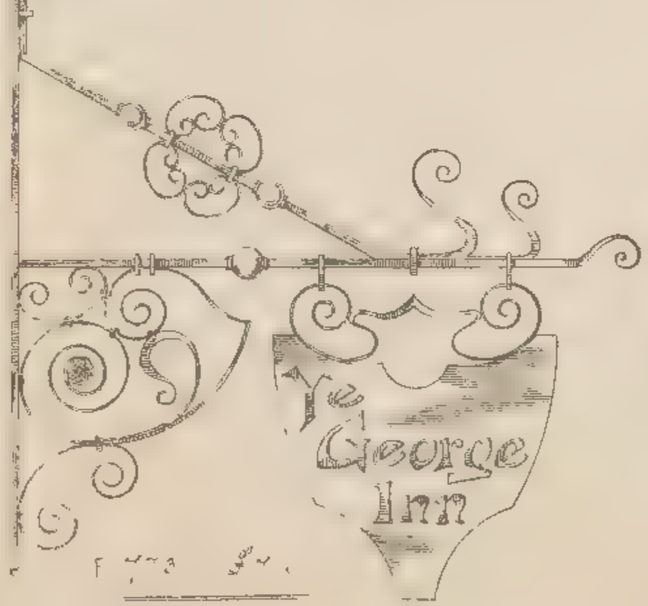
F 771 £9. 0 0



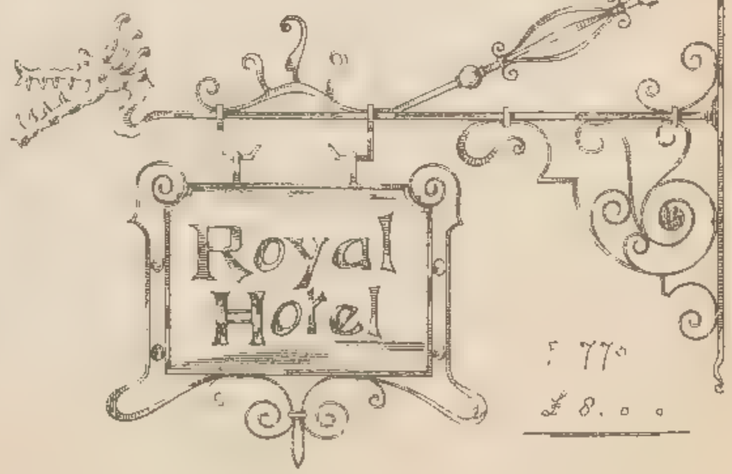
F 774 £14. 0 0

F 772.
£9 10 0

Prices are with Fixing Bolts and 1 Stay.
Painted one coat exclusive of Lettering.



F 773 £4.



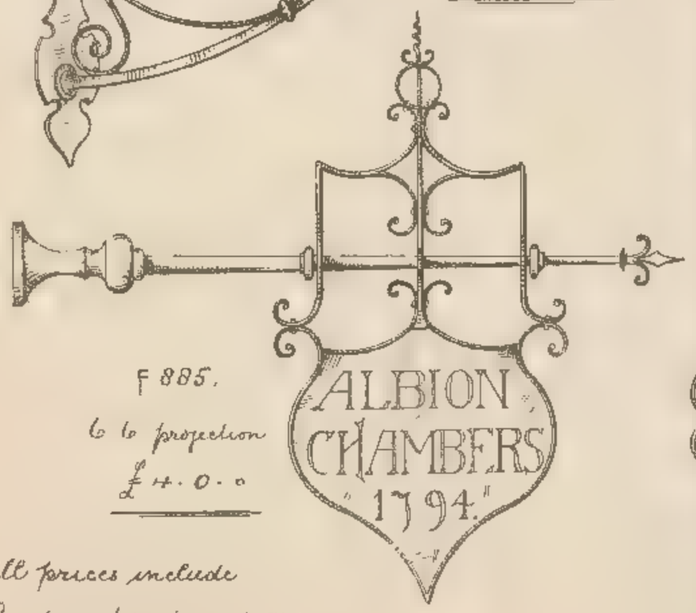
F 770
£8. 0 0

When sizes are not stated prices are to scale of ½-in = 1-ft., but can be made to any size Prices for special sizes on receipt of requirements

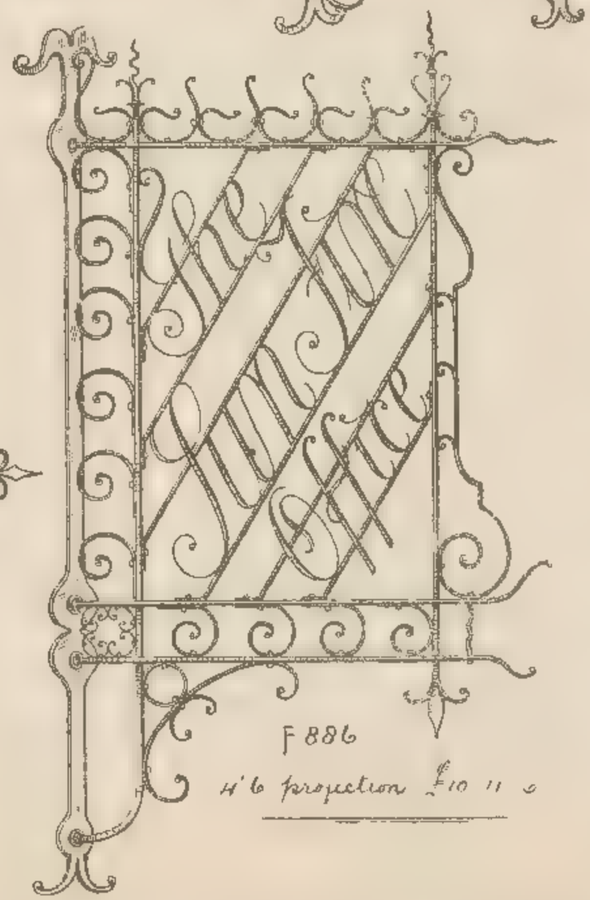
F 882
7 feet projection
Flat Ship £10.12 6
Hollow Ship £2 8 0 extra

F 883
10 feet span £16. 16. 0

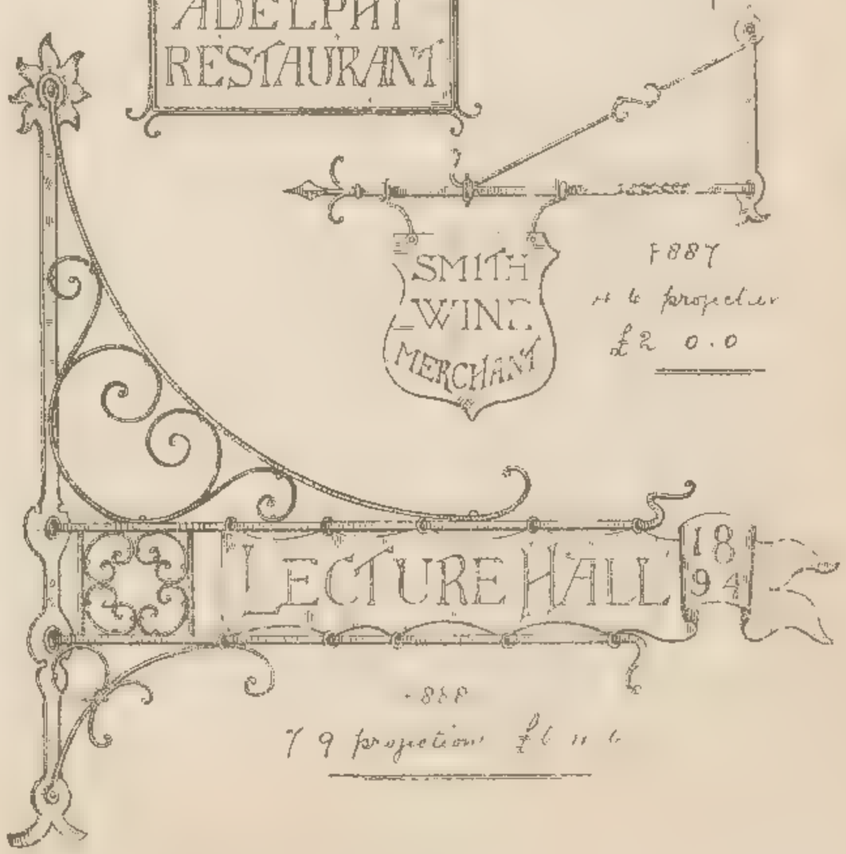
F 884 5 6 projection. £3 8 6



F 885.
6 6 projection
£4. 0. 0



F 886
4' 6 projection £10 11 0



F 887
4 6 projection
£2 0. 0

F 888
7 9 projection £6 11 6

All prices include Painting 1 coat and are exclusive of Lettering except F 886

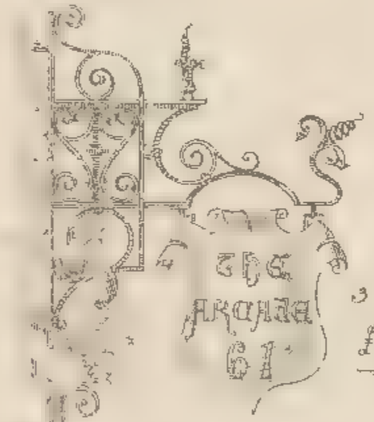
When sizes are not stated prices are to scale of ½-in - -1-ft., but can be made to any size Prices for special sizes on receipt of requirements

Wrot Iron Signs.

F 889
4'6 projection
£9 15 0

F 892. 5 feet projection
£7. 18 6

F 895
3 ft projection
£6. 7 6



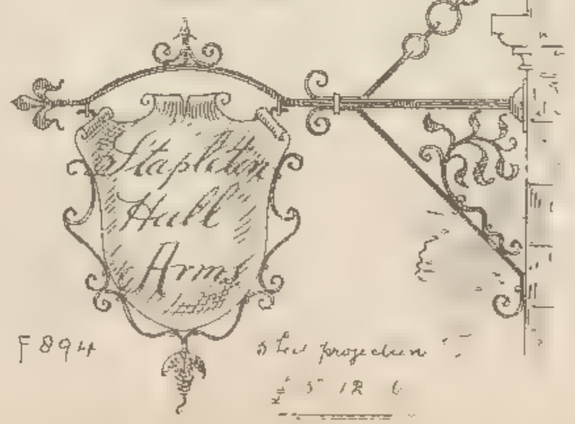
F 890
3 ft projection
£5 12. 6

F 893 6 feet projection. £10. 3. 6

F 896
4 feet projection
£9 2. 6

All prices include painting one coat and are exclusive of lettering

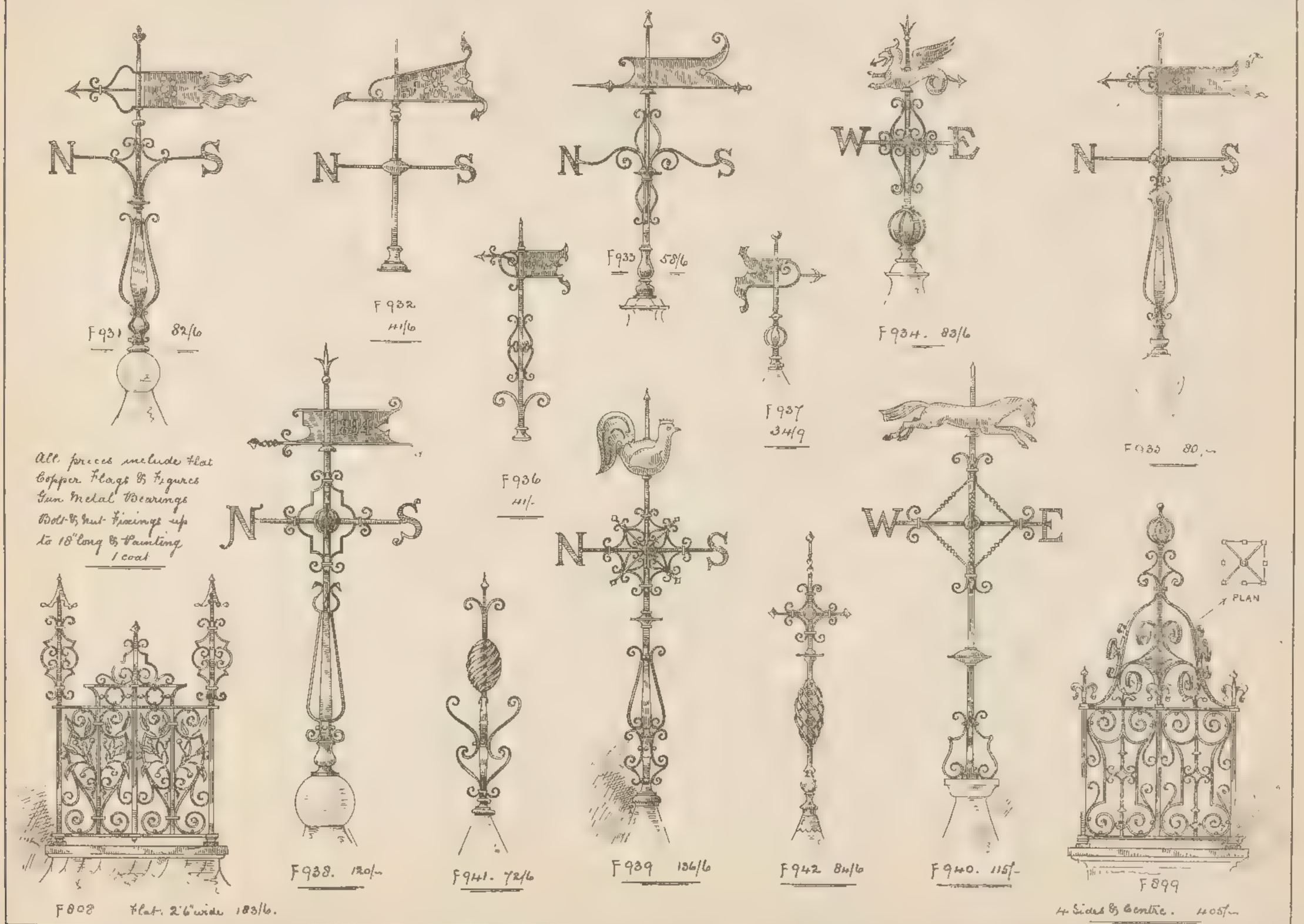
F 891
3 ft projection
£7. 14 0



F 894 5 feet projection
£5 12 6

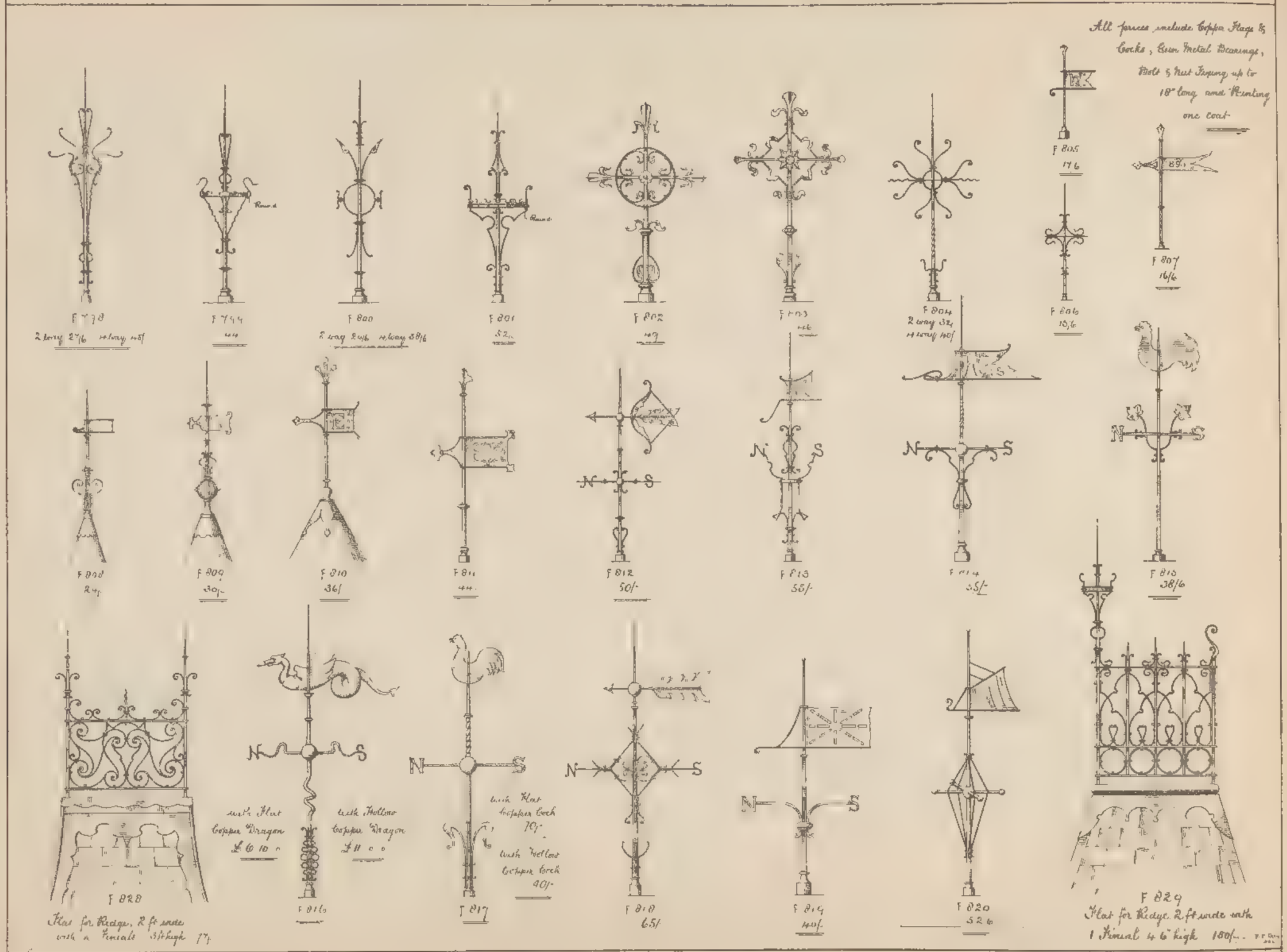
F 897
3'0 projection £9. 15 0

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements

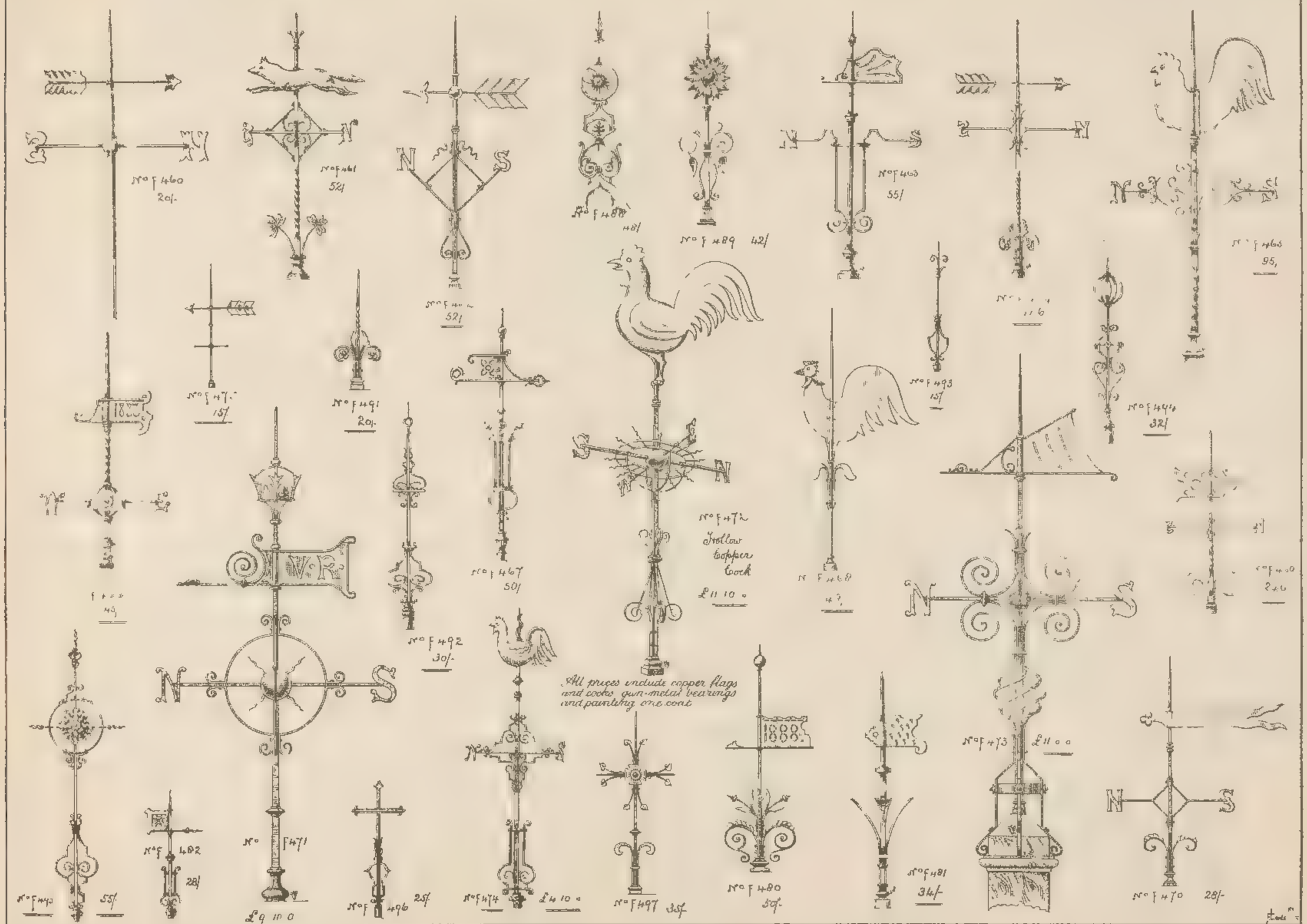


When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Weather Vanes, Finials and Bannerettes.

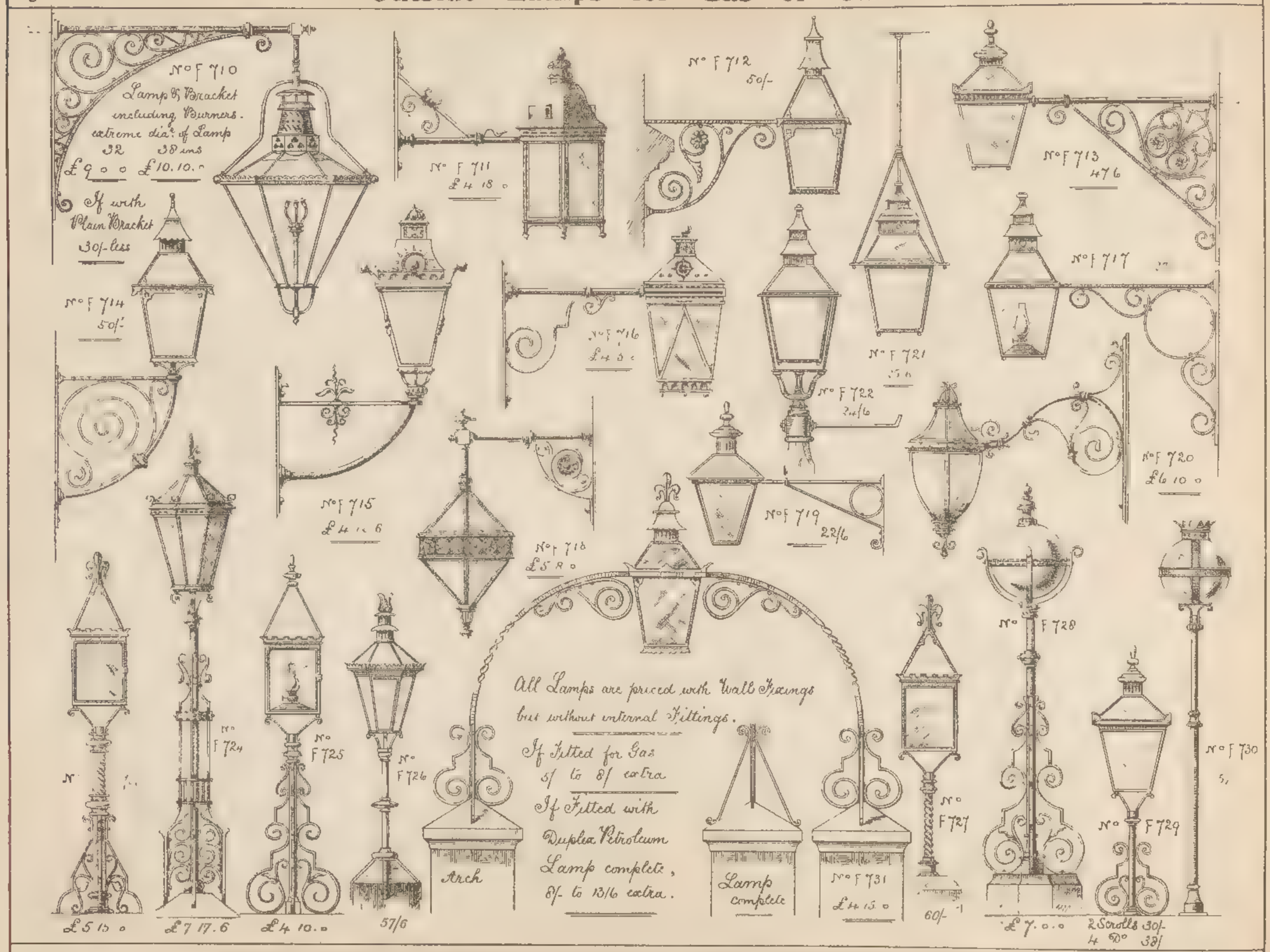


When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

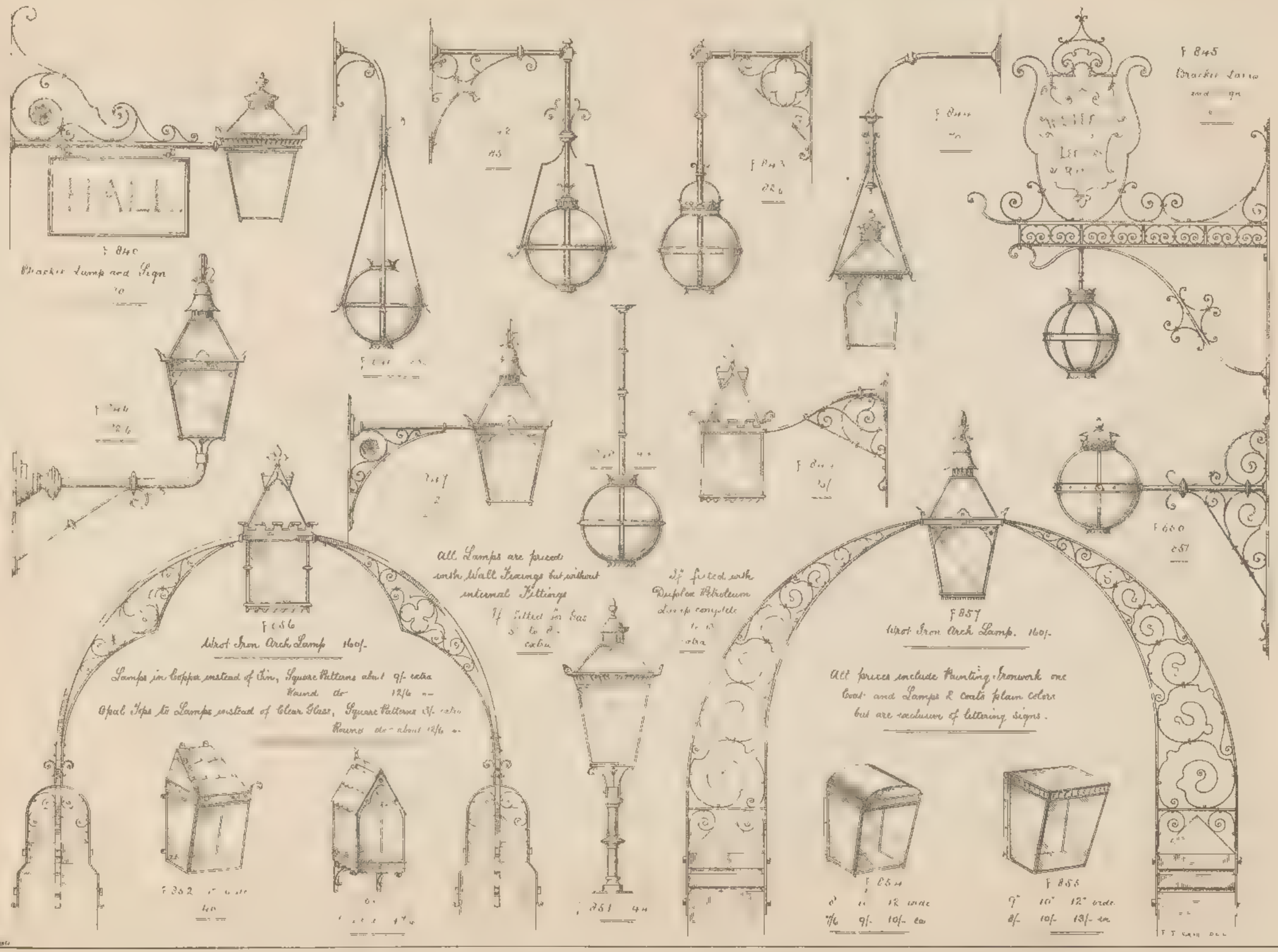


When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Outside Lamps for Gas or Oil.

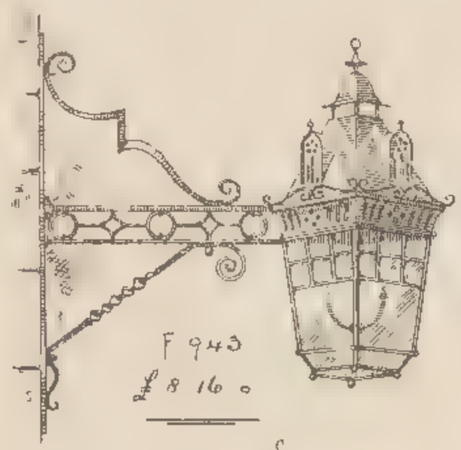


When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

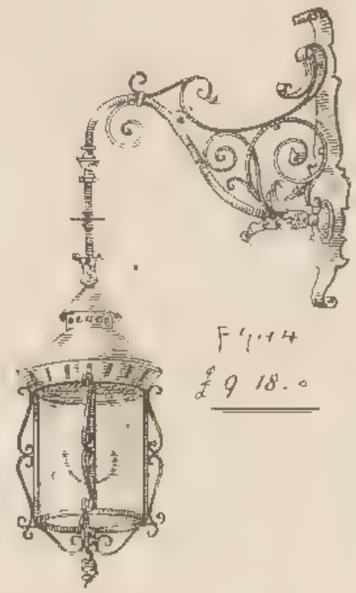


When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Outside Lamps for Gas or Oil.

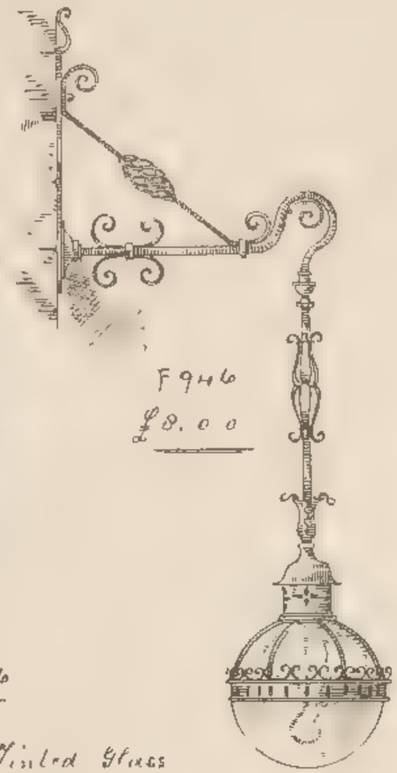


F 943
£8 16 0

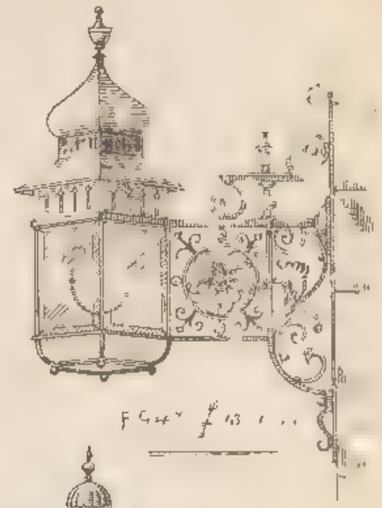


F 944
£9 18 0

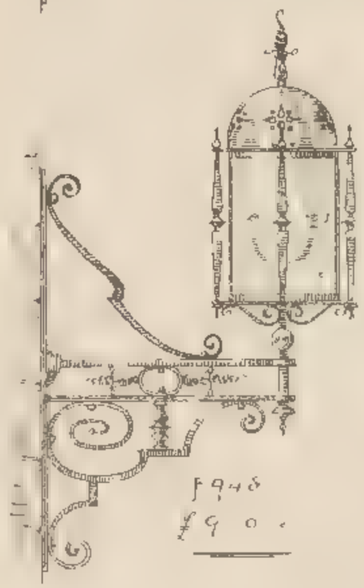
F 945 £9 2 6



F 946
£8 0 0



F 947 £13 1 0



F 948
£9 0 0

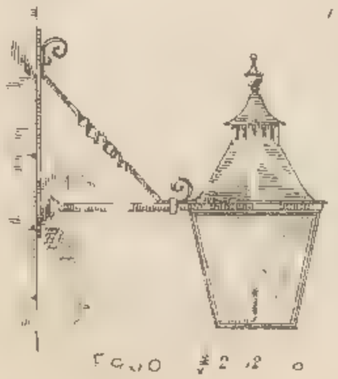
All Lamps are priced with Wall Fixings but without internal Fittings

If fitted for Gas 5/- to 8/- extra.

Tinted Glass to Lanterns 2/6 to 6/6 extra.

F 949
£13 0 0

All prices include Brackets painted 1 coat and Lamps Japanned or plain colors



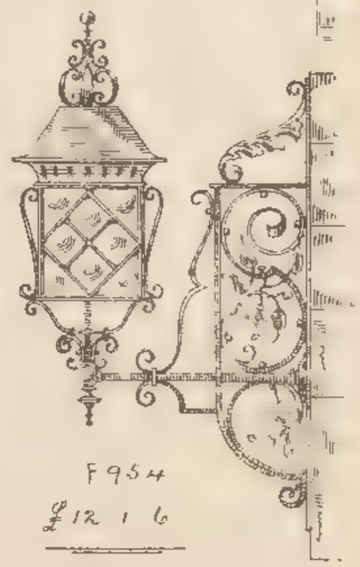
F 950 £2 12 0

If Lanterns are made of Copper instead of Tin 15/ to 25/- extra each

F 951 - £9 10 0

F 952 £9 0 0

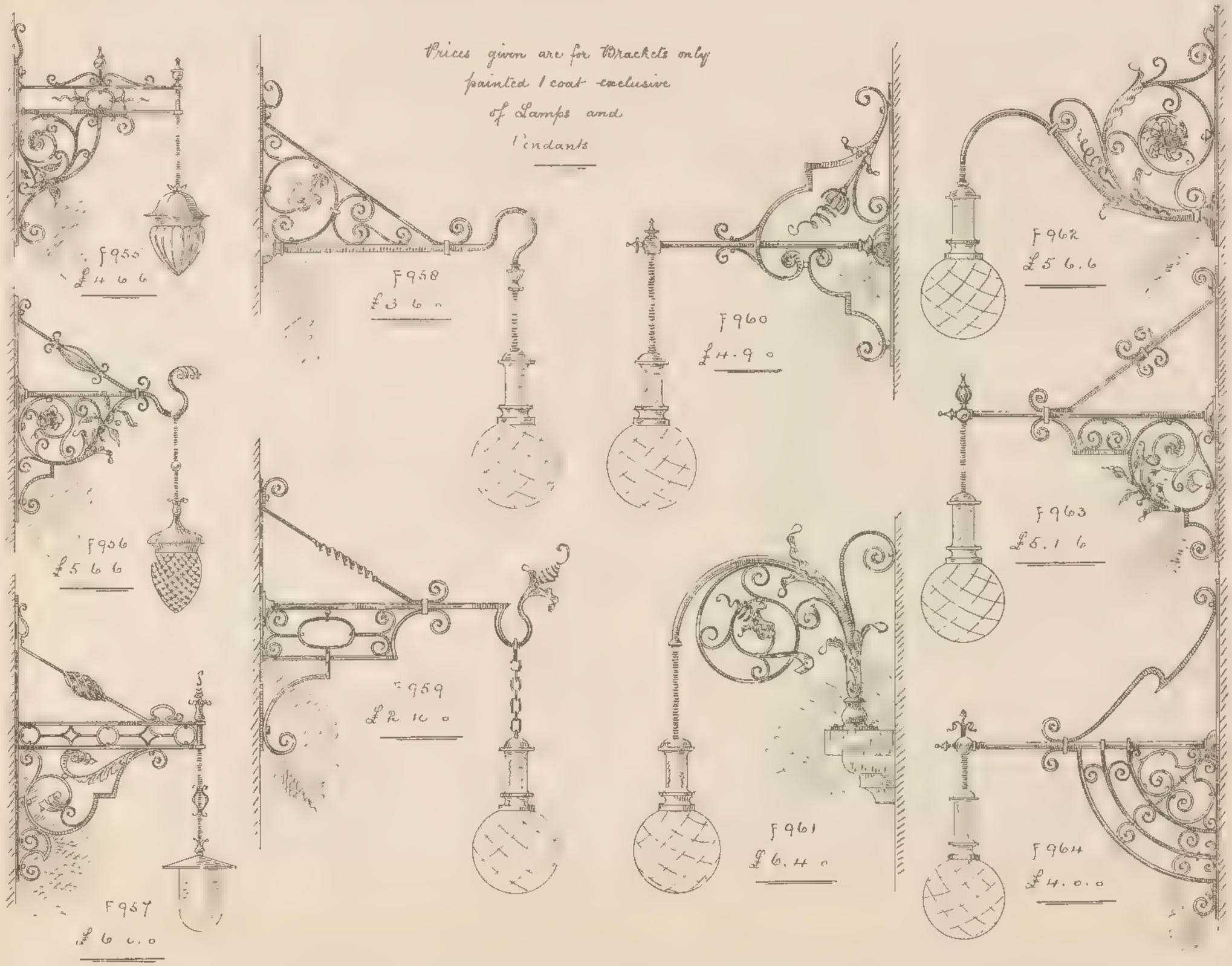
F 953 £10 0 0



F 954
£12 1 6

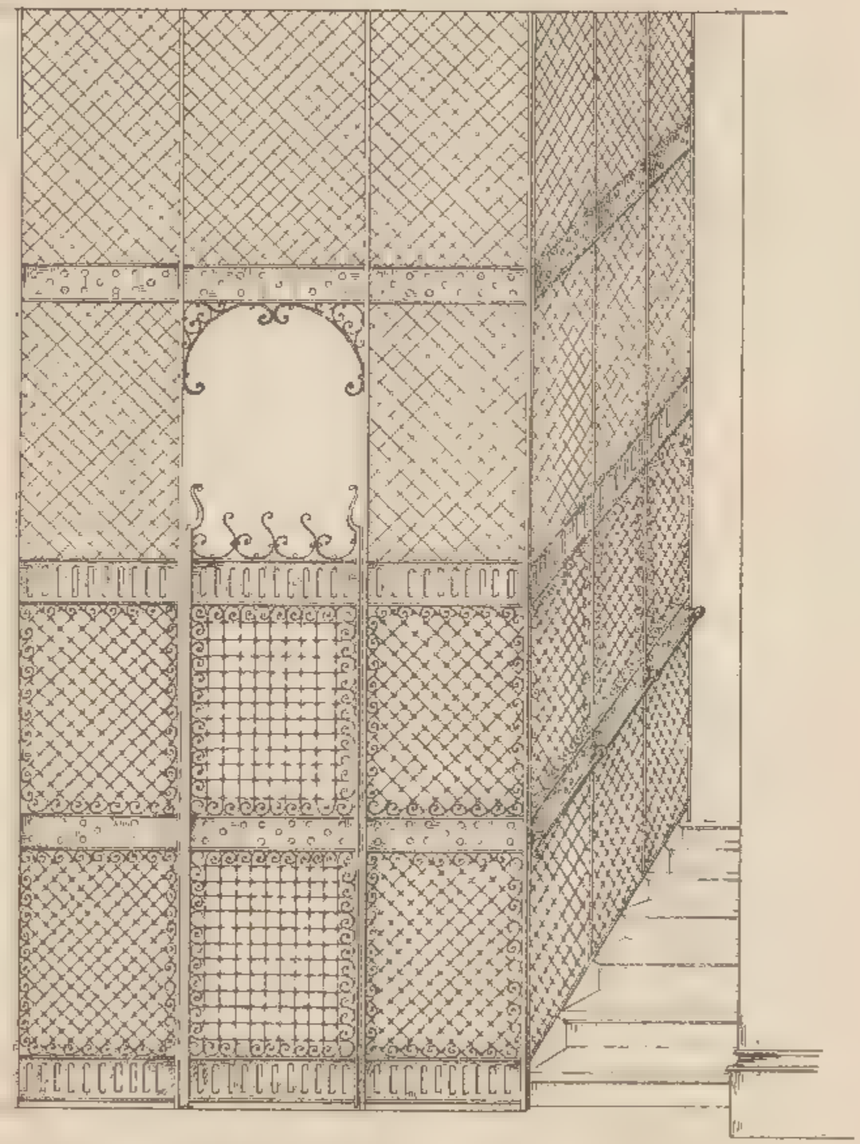
When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Electric Light Brackets.

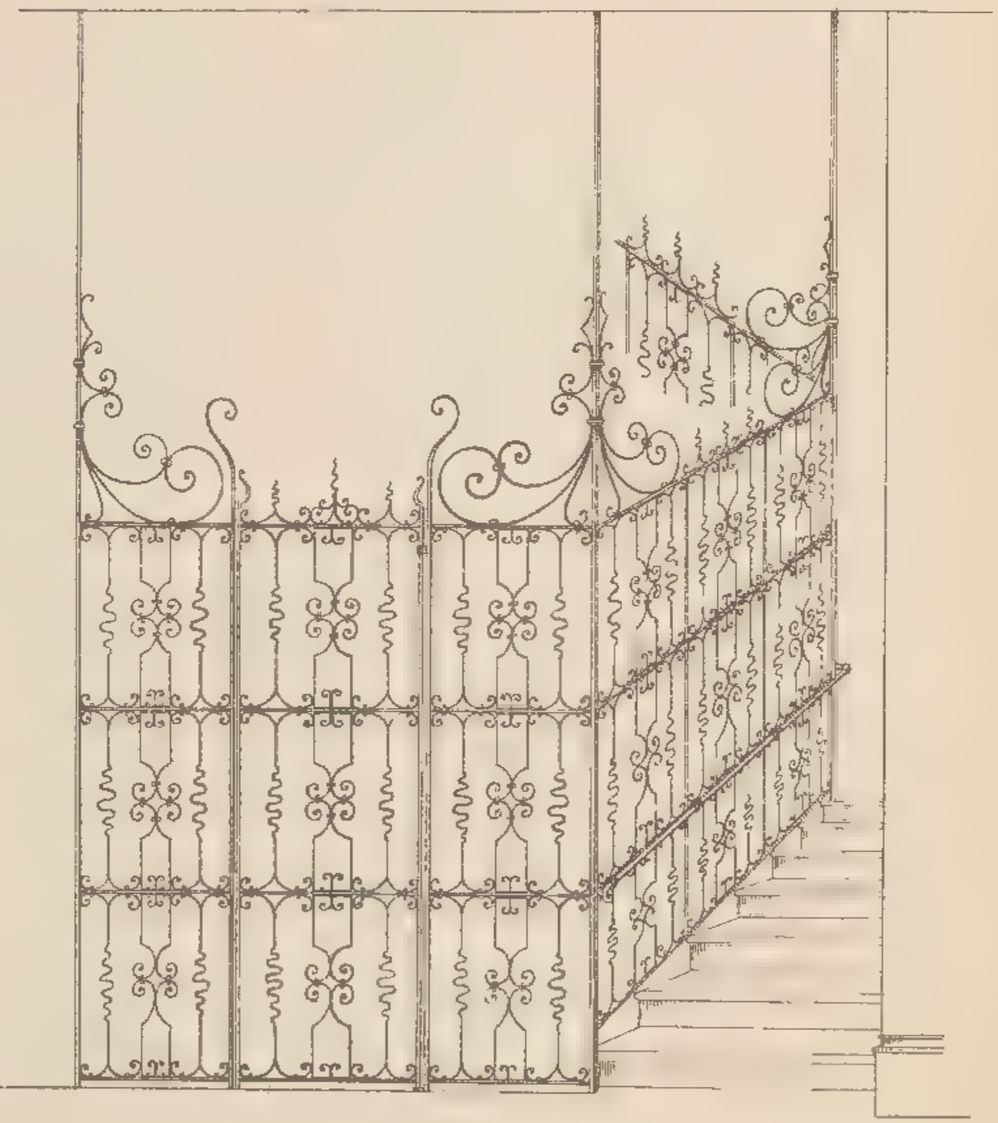


When sizes are not stated prices are to scale of ½-in.=1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Gates and Paneling for enclosing Lifts.

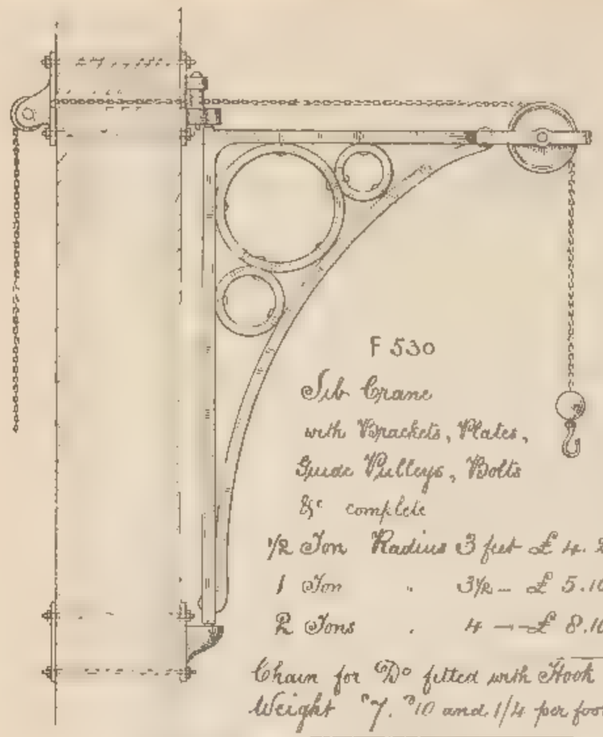


F 970.

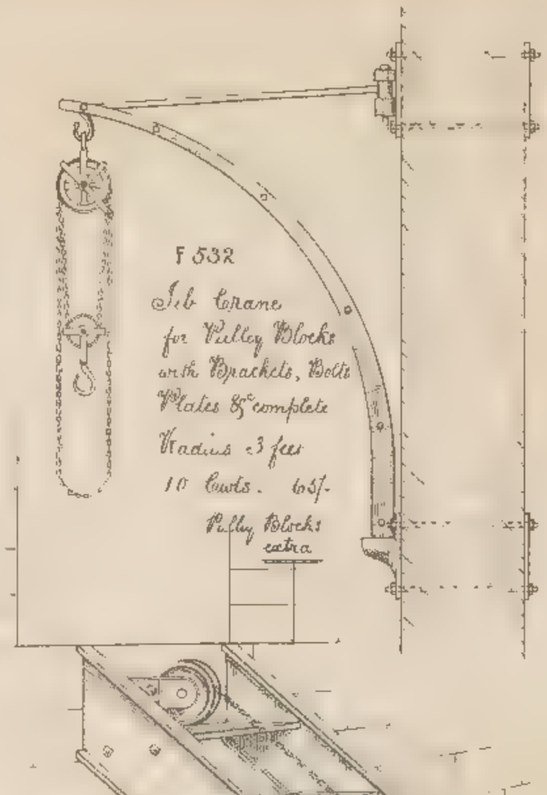


F 971.

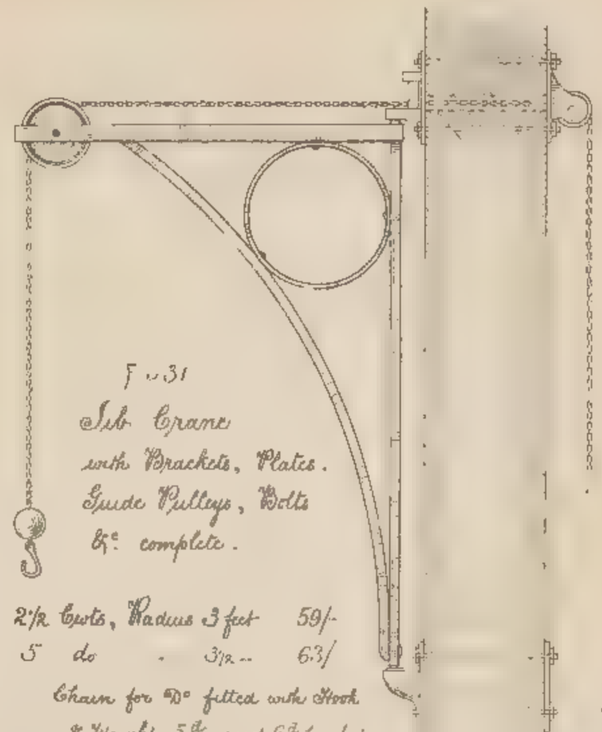
Scale about ⅜-in.=1 foot. *Prices on receipt of requirements.*



F 530
Jib Crane
with Brackets, Plates,
Guide Pulleys, Bolts
&c complete
1/2 Ton Radius 3 feet £4. 2. 0
1 Ton " 3 1/2 " £5. 10. 0
2 Tons " 4 " £8. 10. 0
Chain for D° fitted with Hook & Weight 7d. 10d and 1/4 per foot

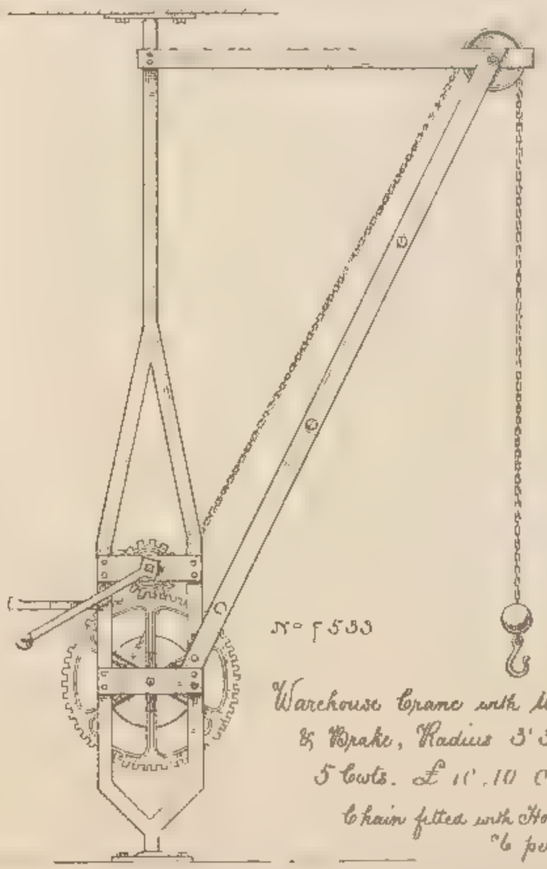


F 532
Jib Crane
for Pulley Blocks
with Brackets, Bolts
Plates &c complete
Radius 3 feet
10 Cwts. 65/-
Pulley Blocks extra

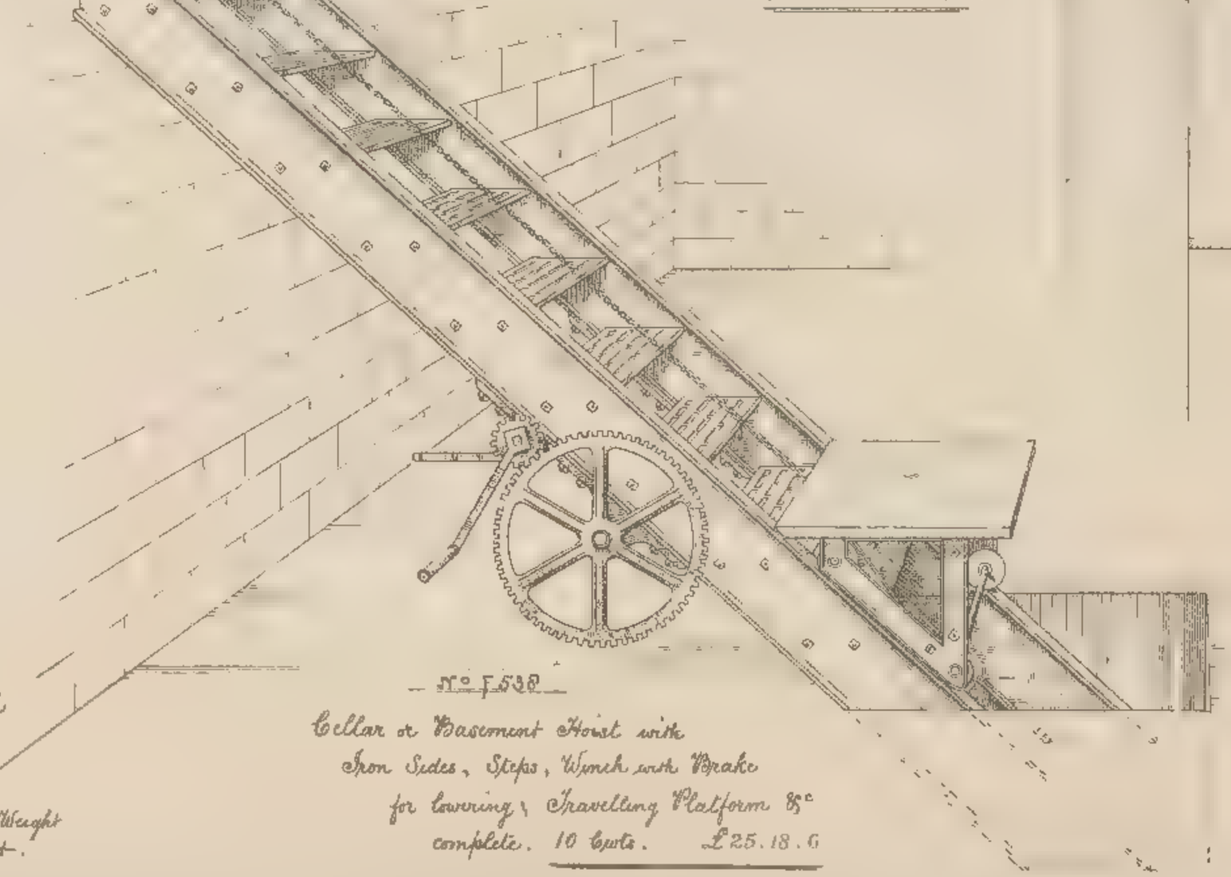


F 531
Jib Crane
with Brackets, Plates.
Guide Pulleys, Bolts
&c complete.
2 1/2 Cwts, Radius 3 feet 59/-
5 do " 3 1/2 " 63/
Chain for D° fitted with Hook & Weight 5d and 6d per foot

For Crab Winches See Pages 80 & 81.



N° F 533
Warehouse Crane with Winch & Brake, Radius 3' 3"
5 Cwts. £10. 10. 0
Chain fitted with Hook & Weight 6d per foot.



N° F 538
Cellar or Basement Hoist with
Iron Sides, Steps, Winch with Brake
for lowering, Travelling Platform &c
complete. 10 Cwts. £25. 18. 0

When sizes are not stated prices are to scale of ½-in.=1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

F 540.

PARCEL or CHOP LIFT

suitable for Shops, Luncheon Bars, &c., complete and ready for erection, exclusive of enclosures.

	wide	deep	high
Size of Cage ...	16in.	12in.	24in.

Price for total height of 17 feet.

£4 15s. 0d.

If above this height, 2/6 per foot extra.

F 541.

IMPROVED DINNER LIFT

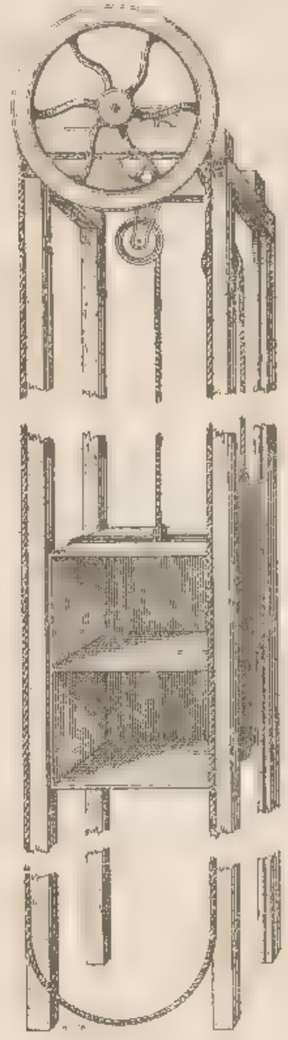
to work from below, suitable for Private Houses or small Hotels, will raise any load usually required and can rise under a sideboard or dresser.

	wide	deep	high
Size of Cage ...	24in.	16in.	30in.

Price, complete and ready for erection, exclusive of enclosures, for a total height of 14 feet.

£10 0s. 0d.

If above this height, 3/6 per foot extra.



F 543.

DINNER or SMALL WAREHOUSE LIFT

with overhead Gearing, to work with Endless Rope from any floor.

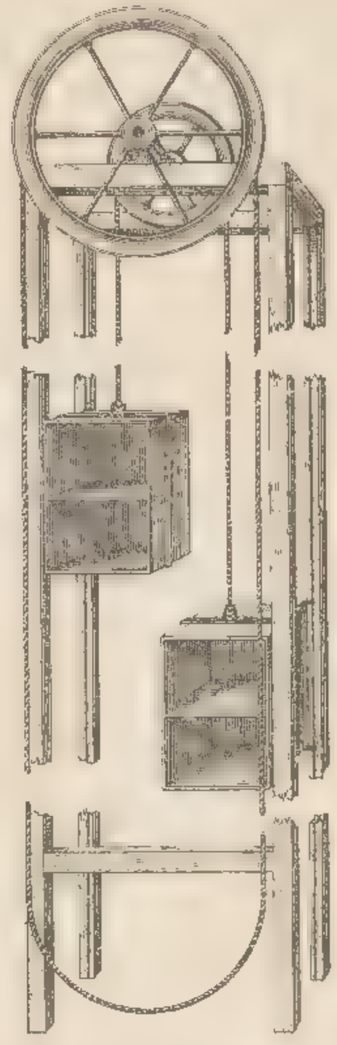
Price of Ironwork only, with balance weight, and eye and strap for cage, to raise ½-cwt., size of cage 24 x 18 x 36in. high ... £5 15 0

Ditto, to raise 1 cwt., size of cage 27 x 21 x 39in. high, with Brake ... £7 10 0

Price, complete with Cage, Guides, Bearers, Ropes, etc., for a total height of 20 feet from bottom floor to top of Rope Wheel.

To raise
½ cwt. £12 10 0
1 cwt. with Brake... £14 10 0

If above this height, 3/- per foot extra for either size.



F 546.

DOUBLE DINNER LIFT

with overhead Gearing, to work with Endless Rope from any floor.

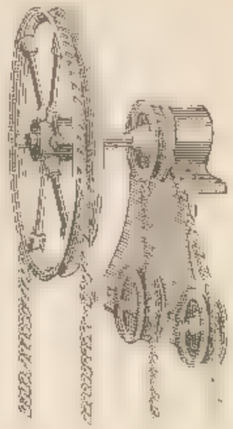
Price of Ironwork only, with eyes and straps for cages, to raise 28lbs., size of cages 18 x 16 x 27in. high ... £5 12 0

Ditto, to raise 56lbs., size of cages 21 x 18 x 30in. high... ... ... £6 10 0

Price, complete with Cages, Guides, Bearers, Ropes, etc., for a total height of 18 feet from bottom floor to top of Rope Wheel.

To raise
28lbs. £12 15 0
56lbs. £14 0 0

If above this height, 3/6 per foot extra for either size.



F 547

Dinner Lift with Patent Automatic Brake.

SINGLE as F 543.

Price of Ironwork only, with balance weight, and eyes and strap for cage, to raise cwt., size of cage 24 x 18 x 36in. high £7 2 6

Ditto, to raise 1 cwt., size of cage 27 x 21 x 39in. high £8 2 6

Price, complete with Cage, Guides, Bearers, Ropes, etc., for a total height of 20 feet from bottom floor to top of Rope Wheel.

To raise
½ cwt. £13 17 6
1 cwt. £15 2 6

If above this height, 3/- per foot extra for either size.

DOUBLE as F 546.

Price of Ironwork only, with eyes and straps for cages to raise 28 lbs., size of cages 18 x 16 x 27 in. high £8 11 0

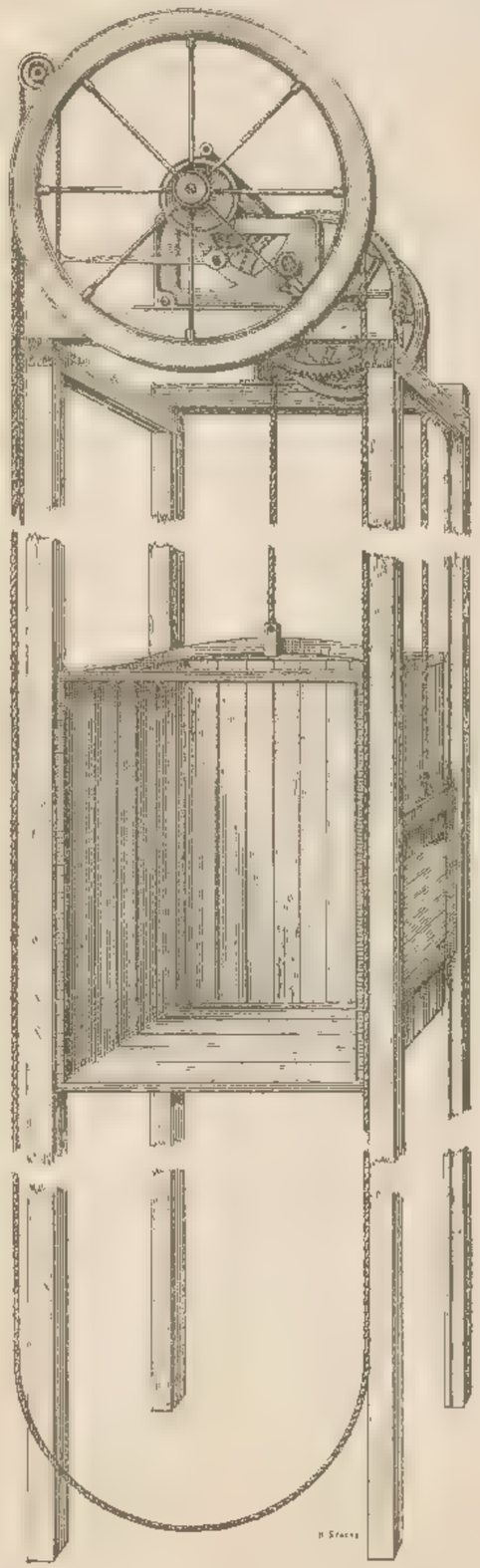
Ditto to raise 56lbs., size of cages 21 x 18 x 30in high £9 10 0

Price, complete with Cages, Guides, Bearers, Ropes, etc., for a total height of 18 feet from bottom of floor to top of Rope Wheel.

To raise
28lbs. £15 13 6
56lbs. £17 0 0

If above this height, 3/6 per foot extra for either size.

Prices for special sizes on receipt of requirements, also estimates for fixing.



F 548.

WAREHOUSE or LUGGAGE LIFT

with overhead Gearing to work with endless Rope from any floor.

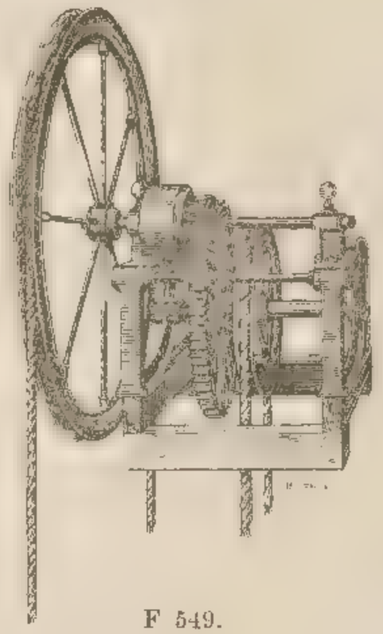
Price of Ironwork only, including Brake and Balance Weight, exclusive of Cage Ironwork.

To raise		wide. ft.	in.		deep. ft.	in.		high ft.	in.		£	s.	d.
2 cwt.,	for cage	2	6	x	2	3	x	3	6	..	11	0	0
4 ,,	,,	3	0	x	2	9	x	4	6	..	14	15	0
7 ,,	,,	3	6	x	3	0	x	5	6	..	17	10	0
10 ,,	,,	4	0	x	3	6	x	6	0	..	19	7	6
15 ,,	,,	4	6	x	4	0	x	6	0	..	22	15	0
20 ,,	,,	5	0	x	4	6	x	6	0	..	25	17	6

Price, complete with Cage, Guides, Bearers, Ropes, etc., size of cages as above.

To raise	Height over all from bottom floor to top of Rope Wheel.	£	s.	d.	Extra per ft. in height.
2 cwt.	20 feet	20	0	0	3/9
4 ,,	,,	25	5	0	4/-
7 ,,	,,	30	4	6	4/3
10 ,,	22 feet	34	0	0	4/3
15 ,,	,,	39	5	0	4/6
20 ,,	,,	45	15	0	5/6

Lifts to raise 10 cwt. and upwards are calculated for two men.



F 549.

WAREHOUSE LIFT with PATENT AUTOMATIC BRAKE.

Price of Ironwork only, with Balance Weight.

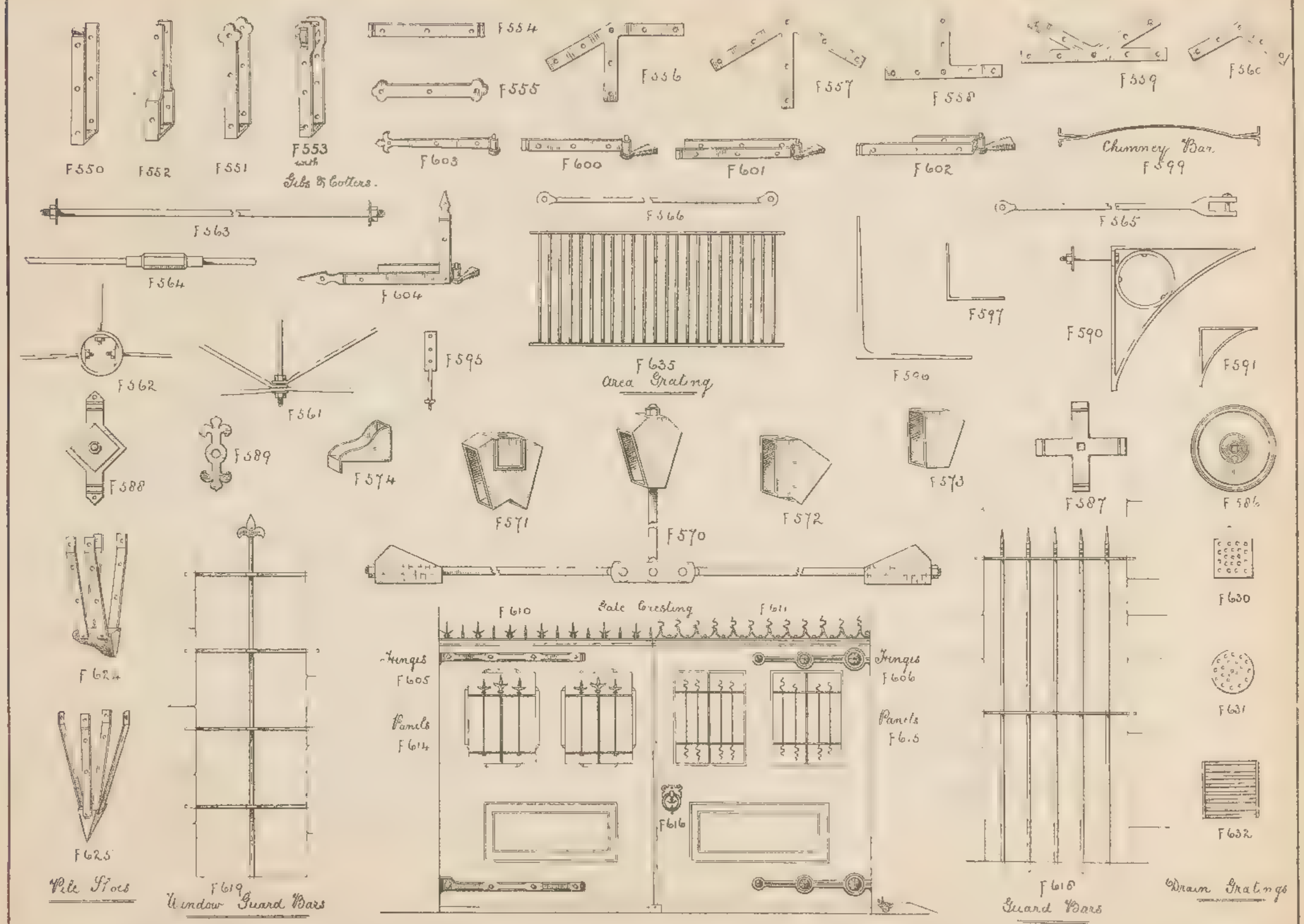
To raise		wide. ft.	in.		deep, ft.	in.		high. ft.	in.	£	s.	d.
2 cwt.,	for cage	2	6	x	2	3	x	3	6	11	10	0
4 ,,	,,	3	0	x	2	9	x	4	6	15	10	0
7 ,,	,,	3	6	x	3	0	x	5	6	1[illegible]	12	6
10 ,,	,,	4	0	x	3	6	x	6	0	22	10	0
15 ,,	,,	4	6	x	4	0	x	6	0	27	10	0
20 ,,	,,	5	0	x	4	6	x	6	0	34	8	0

Price, complete with Cage, Guides, Bearers, Ropes, etc., size of cages as above.

To raise	Height over all from bottom floor to top of Rope Wheel.	£	s.	d.	Extra per ft. in height.
2 cwt.	20 feet	21	10	0	3 9
4 ,,	,,	26	0	0	4 -
7 ,,	,,	32	7	0	4/3
10 ,,	22 feet	[illegible]	2	[illegible]	4/3
15 ,,	,,	41	0	0	4 6
20 ,,	,,	54	5	6	5 6

Prices for special sizes on receipt of requirements, also estimates for fixing.

Ironwork for Roofs, Gates, &c.



Quotations on receipt of specification.

Mediæval Iron Door Fittings.

PRICES.

Best finish. Berlin Blacked.

SCREWS.

M 200—1 to 1½in. long with heads ⅜ to ⅝in. square, 8d. to 1/6 per dozen.

M 201 ¾ to 2¼in. long, with heads 5/16 to ⅝in. square, 8d. to 1/4 per dozen.

DOOR NAILS.

	Size of head.	Length of sturt.	Price.
M 202	⅝in	1in.	6d. per dozen.
M 203	¾in.	1in.	6d. ,,
M 204	1in.	1in.	8d. ,,

ESCUTCHEONS.

	For Bam Locks.	For Stock Locks.
M 205	—	1/6 per dozen.
M 206	1/6	2/- ,,
M 207	—	2/- ,,
M 208	2/-	2/3 ,,
M 209	2/-	2/3 ,,
M 210	—	3/- ,,
M 211	—	2/3 ,,
M 212	—	2/3 ,,

MORTICE LOCK FURNITURE.

		2in.	2½in.	2¾in.	
M 213	Pitt's Rose	—	3/-	—	per set
M 214	,,	—	2/6	3/-	,,
M 215	Wilkes' Spindle	2/3	2/6	3/-	,,

LATCH HANDLES—Malleable Iron.

	Size out-side	Price Ring each		Size out-side	Price Ring each
M 216	2½in.	11d.	M 227	4in.	1/6
M 217	2½in.	1/-	M 228	4in.	2/-
M 218	3½in.	1/4	M 229	4in.	1/6
M 219	2¾ x 3½in.	1/1	M 230	4¼in.	1/10
M 220	3in.	1/1	M 231	4¼in.	1/10
M 221	4in.	1/3	M 232	4¾in.	2/6
M 222	3¾in.	1/9	M 233	4¾in	2/6
M 223	4in.	1/9	M 234	4.n	1 10
M 224	3¼in.	1/-	M 235	4¾in.	1/3
M 225	4.n.	1/6	M 236	4.n.	1/3
M 226	3¾in.	1 4			

THUMB LATCHES.

Handle	M 237	M 238	M 239	M 240
With Latch	M 241	M 242	M 243	M 244
Per set	1/4	2/-	3/6	2/10

No. 239, 243, in Bright Japan, all others in Berlin Black.

M 245 Latch with inside and outside handles, 5in. 2/6, 7in. 2/9 per set

Latches with followers to work with handles, M 216 to M 234.

M 246	M 247	M 248	M 249
6in.	8in.	10in.	15in.
1/3	1/6	2/-	3/- each.

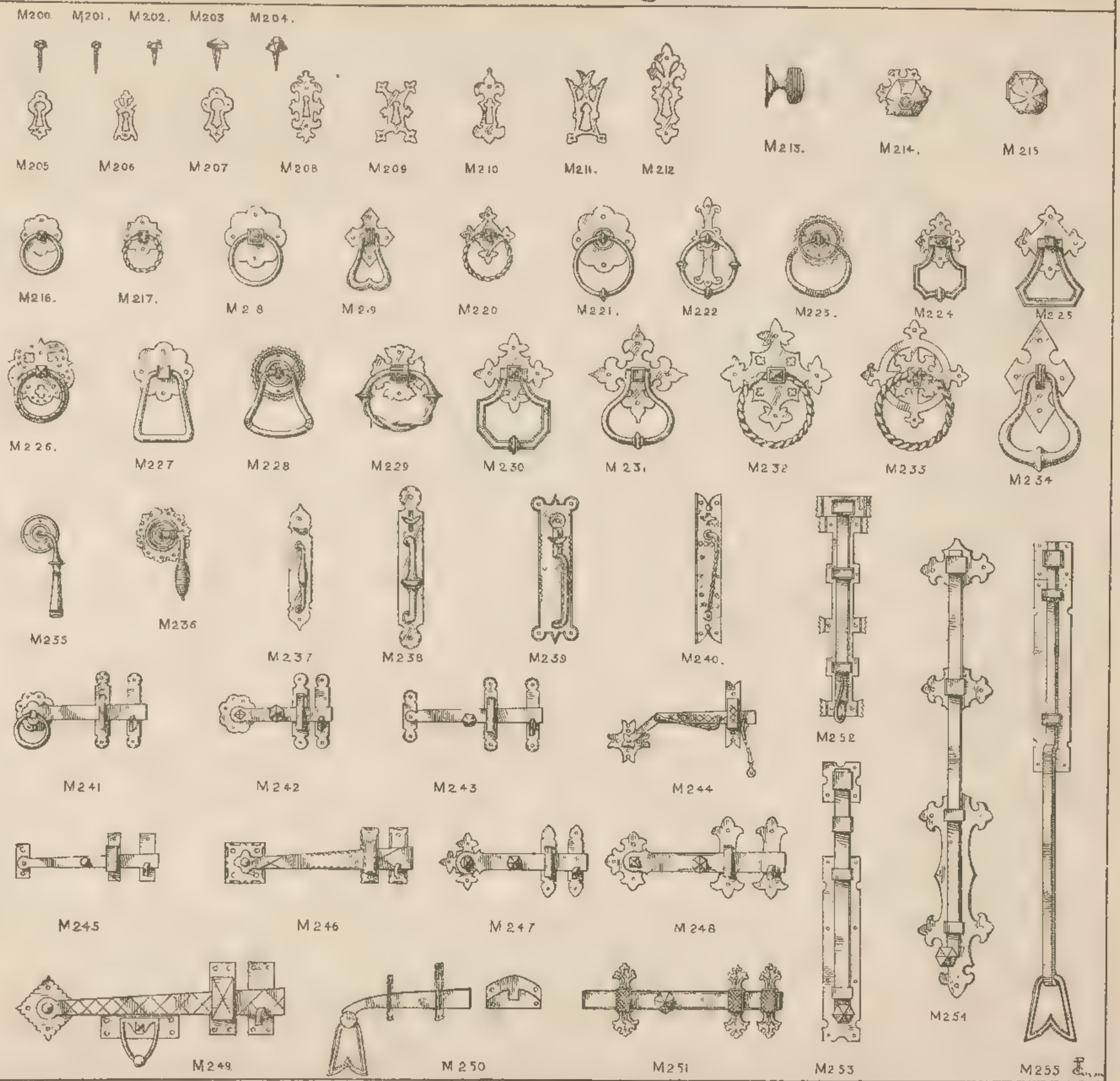
M 250 Mortice Gate Latch, 7½in. 2/- each.

BOLTS

	6in.	9in.	12in.	
M 251	2/-	2/3	2/6	each

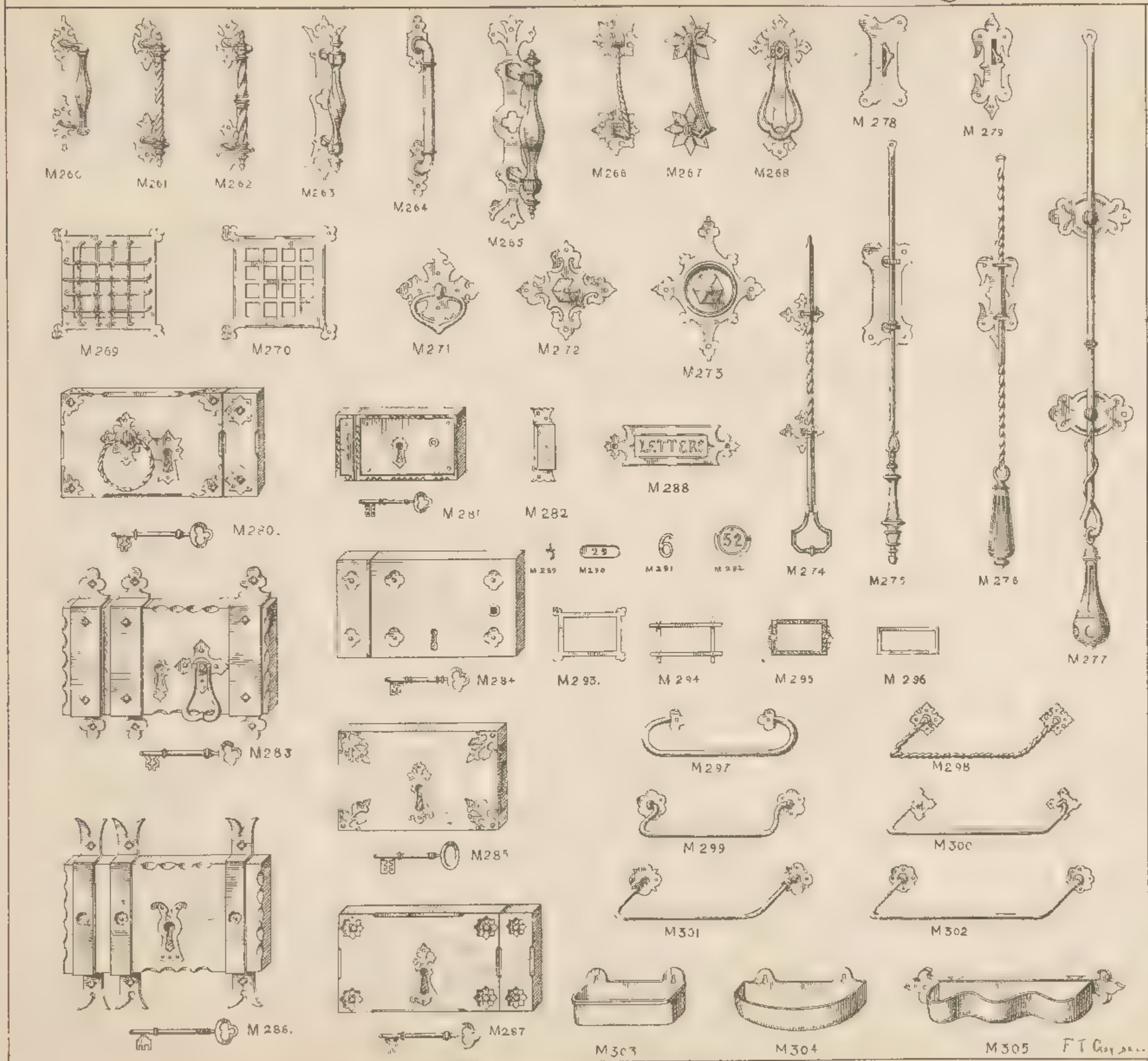
	10in.	12in.	18in.	24in.	30in.
M 252	2/6	3/4	4/3	5/-	—
M 253	2/4	2/9	3/4	4/-	5/-
M 254	2/9	3/-	3/9	4/6	5/6

	18in	24in.	30in.	36in	
M 255	3/9	4/3	4/9	5/6	each



Illustrations are about one eighth full size. *Further details and prices in Wrot Iron or Brass on receipt of requirements.*

Mediæval Iron Door Fittings.



PRICES.

Best Finish. *Berlin Black.*

HANDLES.

M 260	M 261	M 262	M 263	M 264
2/-	3/4	3/4	4/6	4/3

per pair.

M 265 length of plate, 13½in. 6/- 18in. 12/- per pair

KNOCKERS

M 266	M 267	M 268
2/-	2/-	1/6 each

GRILLES.

M 269 ... 4/- M 270 ... 1/3 each

BELL PULLS.

M 271	M 272	M 273
1/10	2/-	2/3 each

GATE BELL PULLS.

M 274	M 275	M 276	M 277
2/3	3/-	3/3	5/6 each

QUADRANT BELL PULLS.

M 278 10d. each M 279 10d. each.

RIM LOCKS

M 281 2 bolts with one key, 8in. 8/6 each
M 284 Ditto do. 7in 8/6 9in 12/6 „

LOCK STAPLES.

M 282 ... 2½in. ... 6d. each

WOOD STOCK LOCKS.

Prices of 2-Bolt Stock Locks include handle on lock only, outside handle being extra.

M 280 10in. 2 bolts, 2 keys 21/- each
M 283 10in. do. 21/- „
„ Ditto do., with bands as M 286 23/- each
M 285 1 bolt with 1 key, 8in. 2/9, 9in. 3/- 10in. 3/3 each
M 286 10in. 1 bolt, 2 keys 17/- each
„ Ditto do. with bands as M 283 15/- each
M 287 1 bolt with 1 key, 10in. 6/3 each
„ Ditto do., 10in. with bands as M 283 8/- each
M 288 Letter Plate, 1/3 each

BRASS AND IRON PEW FITTINGS.

M 289 Iron Studs to fix Umbrella Pans 8d per dozen
„ Brass do. do. 1/3 per dozen

PEW NUMBERS

M 290 China, size 2½in x 1in. 4/6 doz.
M 291 Iron, 1in. 6d., 1½in. 8d., 2in. 1/-
„ Brass, 1in. 3/6 1½in 4/- 2in 5/9
M 292 China ... 4/6 dozen
„ Brass .. 20/- „

CARD FRAMES

Size for Cards 3in. x 1½in, 3½in. x 2½in.
M 293 Iron 2/6 3/6 dozen
„ Brass 4/- 5/6 „

Size for Cards 3in. x 1, n
M 294 Iron, 2/3 Brass, [illegible] zen
M 295 Bronzed Iron 1/6 „ [illegible] „

Size for Cards 3in. x 1½in.
M 296 Iron, 2/- Brass, 4/6 doz.

M 296S Machine made Brass, fancy ends to take Card 3 x 1½in. 2/9 dozen.

BRASS UMBRELLA HOLDERS

	M 297	M 298	M 299	M 300
Dia. of bar	5/8	3/8	5/16	¼ in.
Stuff	14/-	16/6	—	—
To fall	—	18/-	21/6	13/- doz.

	M 300	M 301	M 302
Dia. of bar	5/16	3/8	5/8 in.
Stuff	—	—	14/6 doz.
To fall	15/6	19/-	—

UMBRELLA PANS.

M 303	M 304	M 305
Iron 8/6	11/6	13/6 doz.

Illustrations are about one eighth full size. ***Further details and prices in Wrot Iron or Brass on receipt of requirements.***

Mediæval Door Hinges and Hinge Fronts.

PRICES.

Best Finish. *Berlin Blacked.*

CAST HINGE FRONTS.

	Lgth	Price pr pair		Lgth	Price pr. pair
M 315	20in.	4/8	M 319	25in.	5/3
M 316	23in.	6 -	M 320	10in.	2 -
M 317	25in.	4 -	M 330	20in.	4 -
M 318	14in.	3/6	,,	32in.	8 -
M 319	19in.	2/6	M 331	27½in.	4/3
M 320	18in.	3/4	M 332	26in.	4/3
M 321	21in.	4	M 333	22in.	4/3
M 322	26in.	4/6	M 334	21in.	3 -
M 323	23½in.	4/6	M 335	42in.	13 -
M 324	16in.	4/3	M 336	30in.	9/9
M 325	29in.	6 -	M 337	24in.	5/6
M 326	26in.	5/3	M 338	23in.	6
M 327	21in.	4/9	M 339	22in.	1 -

Nos M 318, M 330, and M 336 are in Malleable Iron.

Above prices are exclusive of Screws.

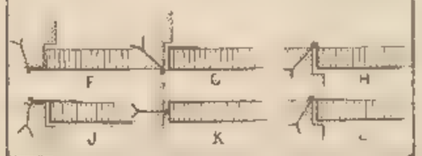
WROT IRON HINGES.

	Lgth	Price pr pair		Lgth	Price pr pair
M 345	18in.	29/-	M 357	24in.	71 -
M 346	18in.	36/6	M 358	18in.	114/6
M 347	18in.	48/6	M 359	30in.	200/6
M 348	20in.	81/6	M 360	30in.	146/6
M 349	27in.	116 -	M 361	21in.	47
M 350	24in.	98 -	M 362	33in.	185 -
M 351	20in.	47 -	M 363	24in.	55 -
M 352	18in.	41/6	M 364	24in.	93/6
M 353	20in.	47 -	M 365	21in.	17[illegible]/6
M 354	21in.	98	M 366	[illegible]in.	1[illegible]2/6
M 355	30in.	140 -	M 367	30in.	263 -
M 356	27in.	7[illegible] -			

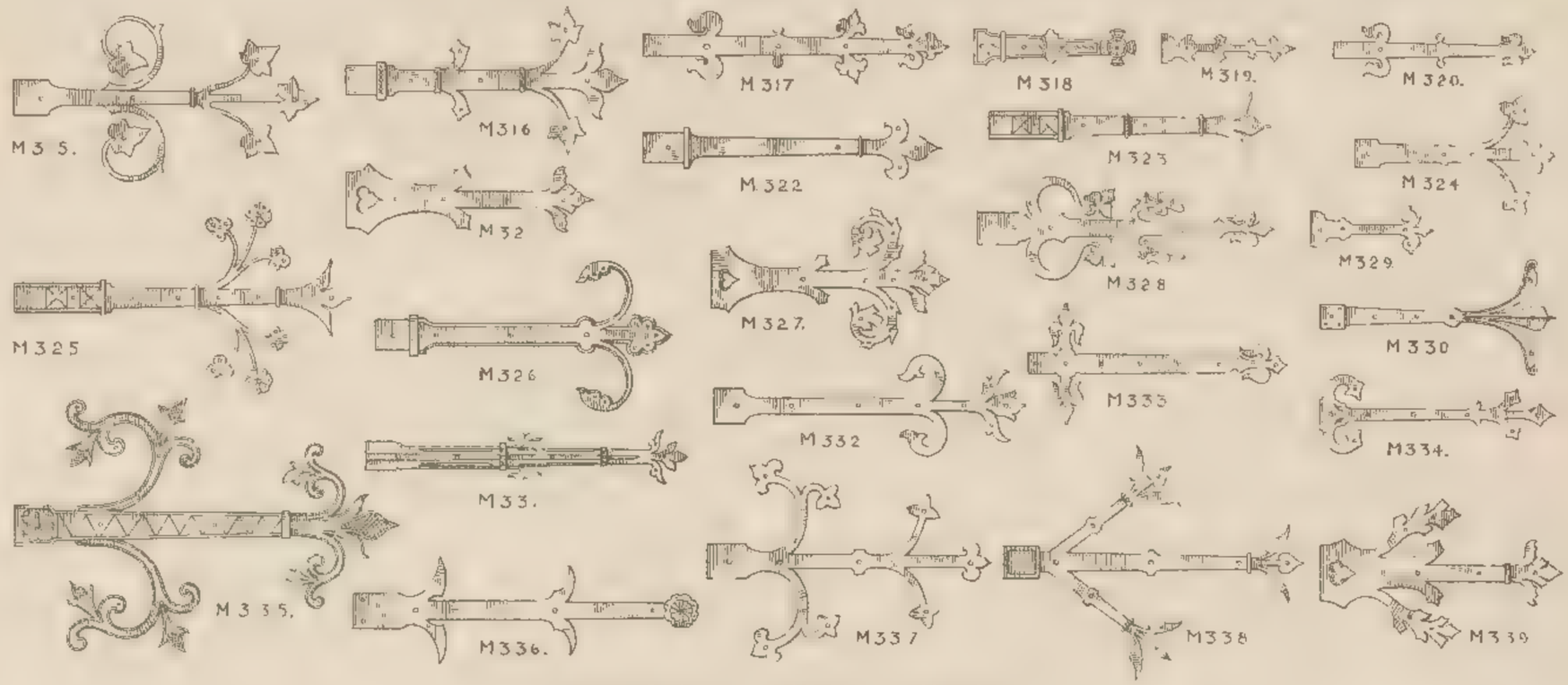
The above prices are with Joints as plan G, J or L, having back Straps to take first Bolt, and with Bolts and Screws for fixing.

Lower quotations given if single Straps as F or H

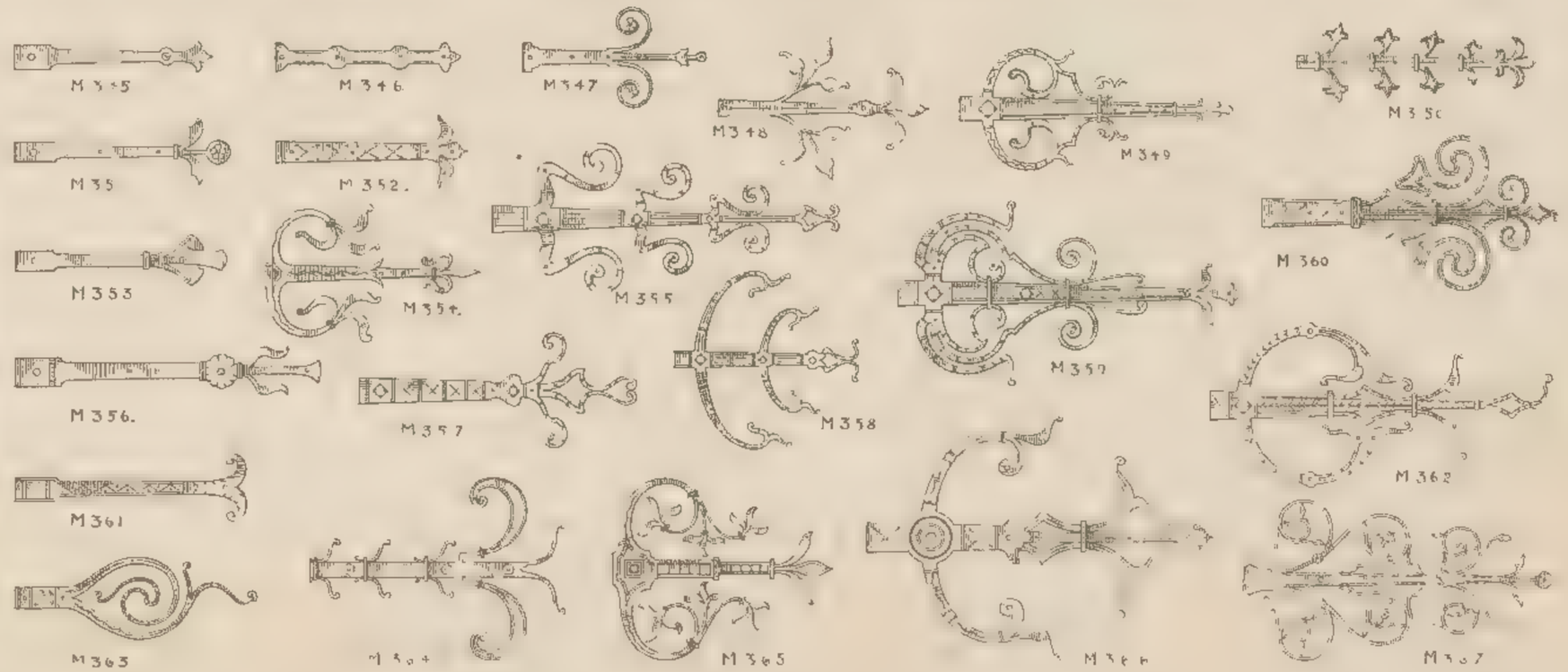
When ordering Hinges, state position of Joints as on plan, and whether for Wood or Stone fixing



CAST AND MALLEABLE IRON HINGE FRONTS.

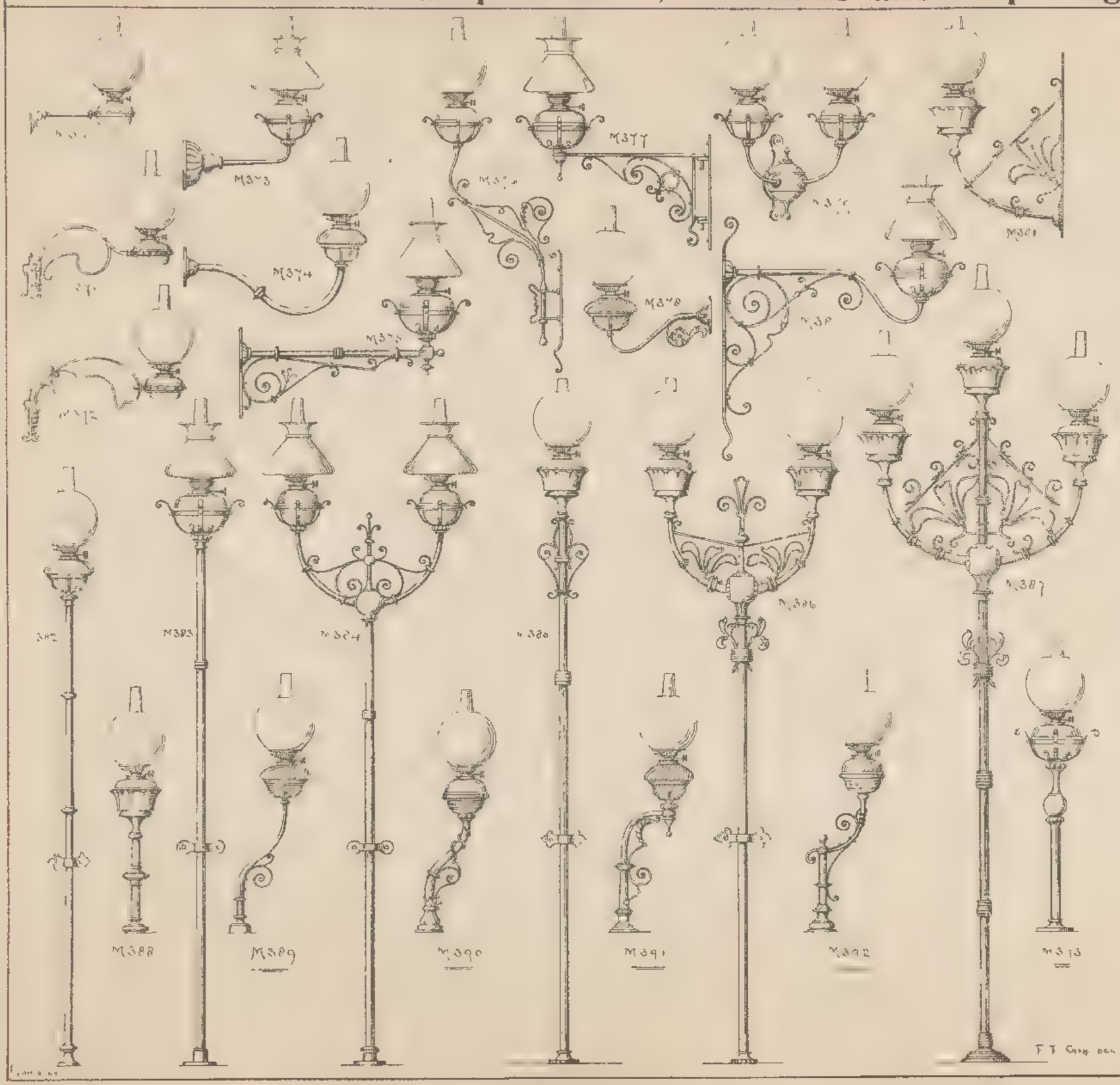


WROUGHT IRON HINGES.



Illustrations and prices are to a scale of ¾in.=1 foot, but can be made in Wrot Iron to any size.

Petroleum Lamp Brackets, Standards and Pulpit Lights.



PRICES.

		Decorated Iron & Brass each	Polished Brass each
M 370	Duplex Burner, Opal Fount	13/6	18/9
"	Duplex Burner, Opal Fount, not to turn	11/-	15/3
M 371	Duplex Burner, Opal Fount	20/-	32/6
M 372	Duplex Burner, Opal Fount	18/6	32/6
M 373	Duplex Burner, Copper Fount	28/-	42/6
M 374	Duplex Burner, Glass Fount	17 -	
M 375	Veritas Burner, Copper Fount	42/-	84,-
M 376	Duplex Burner, Copper Fount, to turn	56,-	
M 377	Veritas Burner, Copper Fount	45/-	
M 378	Duplex Burner, Glass Fount	18/3	
M 379	Duplex Burner, Copper Fount	52/-	72/-
M 380	Veritas Burner, Copper Fount	63/6	
M 381	Duplex Burner, Opal Fount	31,-	
M 382	Duplex Burner, Opal Fount	21 -	
M 383	Veritas Burner, Copper Fount	34/6	55,-
M 384	Duplex Burner, Copper Fount	79/-	158/6
M 385	Duplex Burner, Opal Fount	27/6	
M 386	Duplex Burner, Opal Fount	71/-	198/-
M 387	Duplex Burner, Opal Fount	105/-	270/-
M 388	Duplex Burner, Opal Fount	21/6	
M 389	Duplex Burner, Glass Fount	26/6	41/-
M 390	Duplex Burner, Glass Fount	42/-	
M 391	Duplex Burner, Glass Fount	36,-	
M 392	Duplex Burner, Glass Fount	47/6	78/6
M 393	Veritas Burner, Copper Fount	32/6	51/6

All patterns priced with Glasses and Burners as drawn.

Copper Founts with Duplex or Veritas Burners 7/- extra to Opal or Glass Founts.

Duplex Burners if with Lever and Extinguisher 1/6 each extra.

Paris Shades as M 373, 1/8 extra to Round Globes.

In ordering Iron Fittings please state if to be Decorated in Colors or Dead Black.

Illustrations and Prices are to a scale of ¾in. = 1ft., but can be made to any dimensions.

Petroleum Brackets and Pendants.

PRICES.

		Decorated Iron & Brass	Polished Brass
M 394	Duplex Burner, Opal Fount	17/9	22/9
M 395	Duplex Burner, Opal Fount	17/6	41/
M 396	Duplex Burner, Opal Fount	22/6	
M 397	Duplex Burner, Opal Fount	24/6	
M 398	Duplex Burner, Copper Fount	41/-	62/6
M 399	Duplex Burner, Copper Fount	39/-	51
M 400	Duplex Burner, Opal Fount	30/-	60
M 401	Duplex Burner, Glass Fount	26/-	47
M 410	Suspending Bracket, 21in.	1[illegible]/9	
M 411	Ditto 12in.	4/3	18/-
M 412	Balance Weight and Chain 8ft. 6in. over all when up	12	17
"	Ditto 5ft. do.	1[illegible]/6	2[illegible]
"	Ditto 6ft. do.	18/-	23
M 413	2 Duplex Burners Opal Founts	[illegible]	
M 414	2 Duplex Burners Glass Founts	47	
M 415	2 Duplex Burners Glass Founts	4[illegible]/6	
"	3 Duplex Burners Glass Founts	61/6	
M 416	3 Duplex Burners Opal Founts	58/	
"	4 Duplex Burners Opal Founts	70/-	
M 417	3 Duplex Burners Opal Founts	51/6	85/6
"	4 Duplex Burners Opal Founts	63/6	124/-
M 418	3 Duplex Burners Copper Founts	107/6	
"	4 Duplex Burners Copper Founts	138/6	
M 419	Duplex Burner, Opal Fount	13/9	26/-
M 420	Duplex Burner, Copper Fount	37/6	80/-
M 421	Duplex Burner, Copper Fount	44/-	94/6
M 422	Duplex Burner, Opal Fount	15/3	25/-
M 423	Veritas Burner, Copper Fount	29/-	44/6

All Patterns priced with Glasses and Burners, as drawn.

Copper Founts, with Duplex or Veritas Burners, 7/- extra to Opal or Glass Founts.

Duplex Burners, if with Lever and Extinguisher, 1/6 each extra.

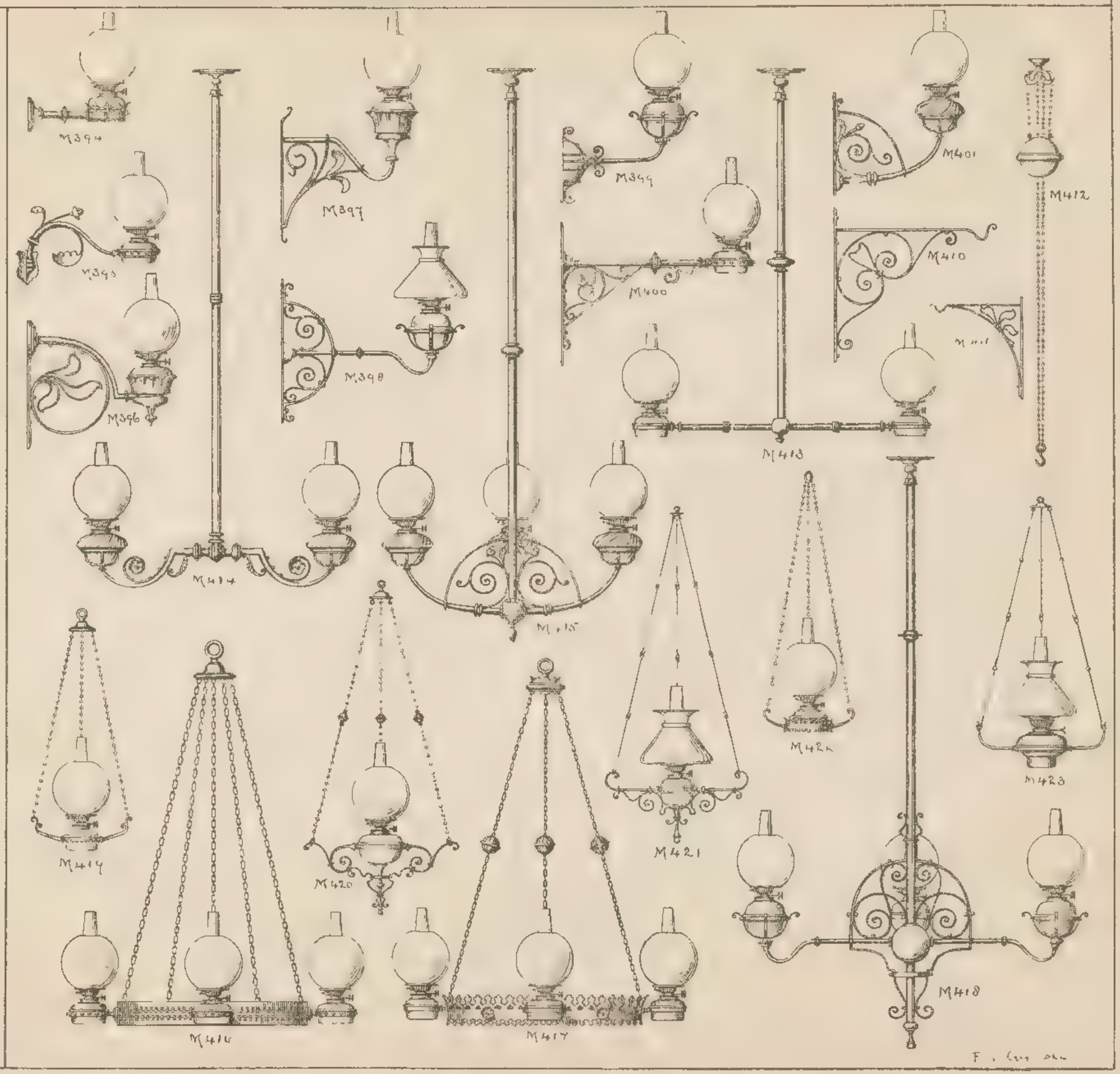
Paris Shades as M 398, 1/8 extra to Round Globes.

Pendant Lights include Stems, 5ft. long Iron Stems above this length, 6d. per ft. extra.

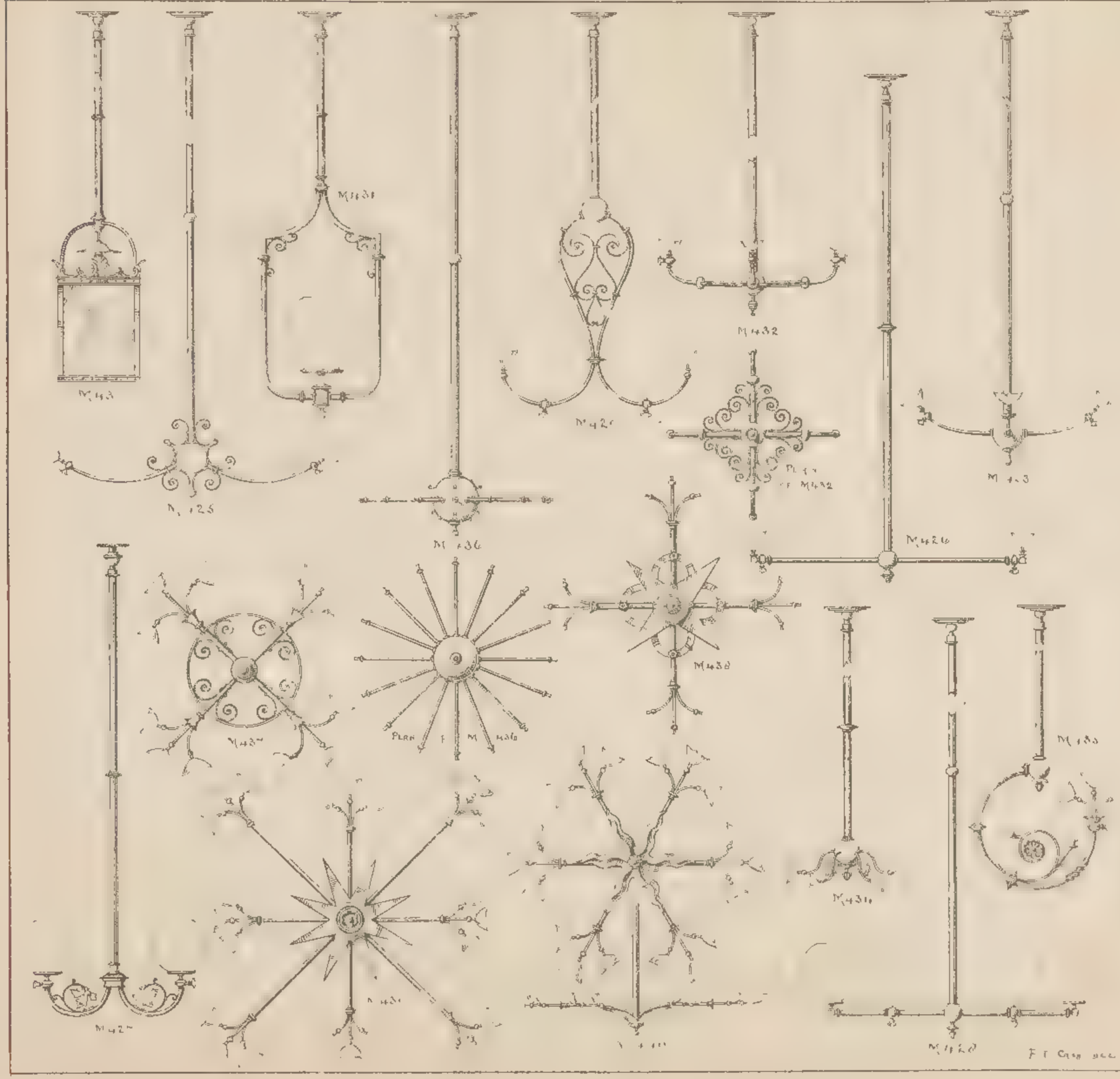
Cup and Ball Joins 2/6 extra.

In ordering Iron Fittings, please state if to be decorated in Colors or Dead Black.

Illustrations and Prices are to a scale of ¾in. =1 foot, but can be made to any dimensions.



Gas Tee and Star Pendants.



PRICES.

		Decorated Brass & Iron	Polished Brass
M 425	Tee Pendant	7/6	
M 426	Ditto	13/9	
M 427	Ditto	26/6	
M 428	Ditto	24/-	
M 429	Ditto	36/6	
M 430	Hall or Porch Lamp	52/6	96/-
M 431	Ditto	32/6	
M 432	Pendant, 4 light	40/-	88/6
M 433	Ditto 4 do.	22/6	42/-
M 434	Ditto 6 do.	14/6	30/-
M 435	Ditto 8 do.	30/-	60/-
M 436	Star Pendant, 16 light	34/6	71/6
„	Ditto 12 light	28/6	60/-
M 437	Pendant 12 do.	40/-	67/6
M 438	Ditto 12 do.	29/-	58/-
M 439	Ditto 24 do.	35/-	
M 440	Ditto 18 do.	26/6	

These prices are exclusive of Taps except where shown.

Taps in Stems to open and close with cord or rod, 2/6 extra to Iron, and 6/6 extra to Polished Brass.

Cup and Ball Joint in Stem, 2/- extra to Iron, and 4/- extra to Polished Brass.

Prices of Pendant Lights include Stems up to 5ft. long. Extra length of Stem, 6d per foot extra to Iron, and 1/- per foot extra to Polished Brass.

All Globes to Gas Fittings are extra.

In ordering Iron Fittings, please state if to be decorated in Colors or Dead Black.

Illustrations and Prices are to a scale of ¾in.=1 foot, but can be made to any dimensions.

Gas Pendants and Coronæ.

PRICES.

			Decorated Iron & Brass.	Polished Brass
M 441	Pendant	4 Light	36/6	58/-
M 442	Ditto	12 do.	50/-	100/
M 443	Ditto	3 do.	36/9	55/-
,,	Ditto	4 do.	45/-	66/-
,,	Ditto	5 do.	53/6	76/-
,,	Ditto	6 do.	61/6	86/6
M 444	Coronæ	12 do.	86/6	170/-
M 445	Ditto	20 do.	157/-	
M 446	Ditto without Band	20 Light	78/6	
M 446	Star Pendant	24 Light	[illegible]	
M 447	Pendant	[illegible] do.	[illegible]	

These prices are exclusive of Taps except where shown.

Taps in Stems, to open and close with cord or rod, 2/6 extra to Iron, and 6/6 extra to Polished Brass.

Cup and Ball Joint in Stem, 2/- extra to Iron, and 4/- extra to Polished Brass.

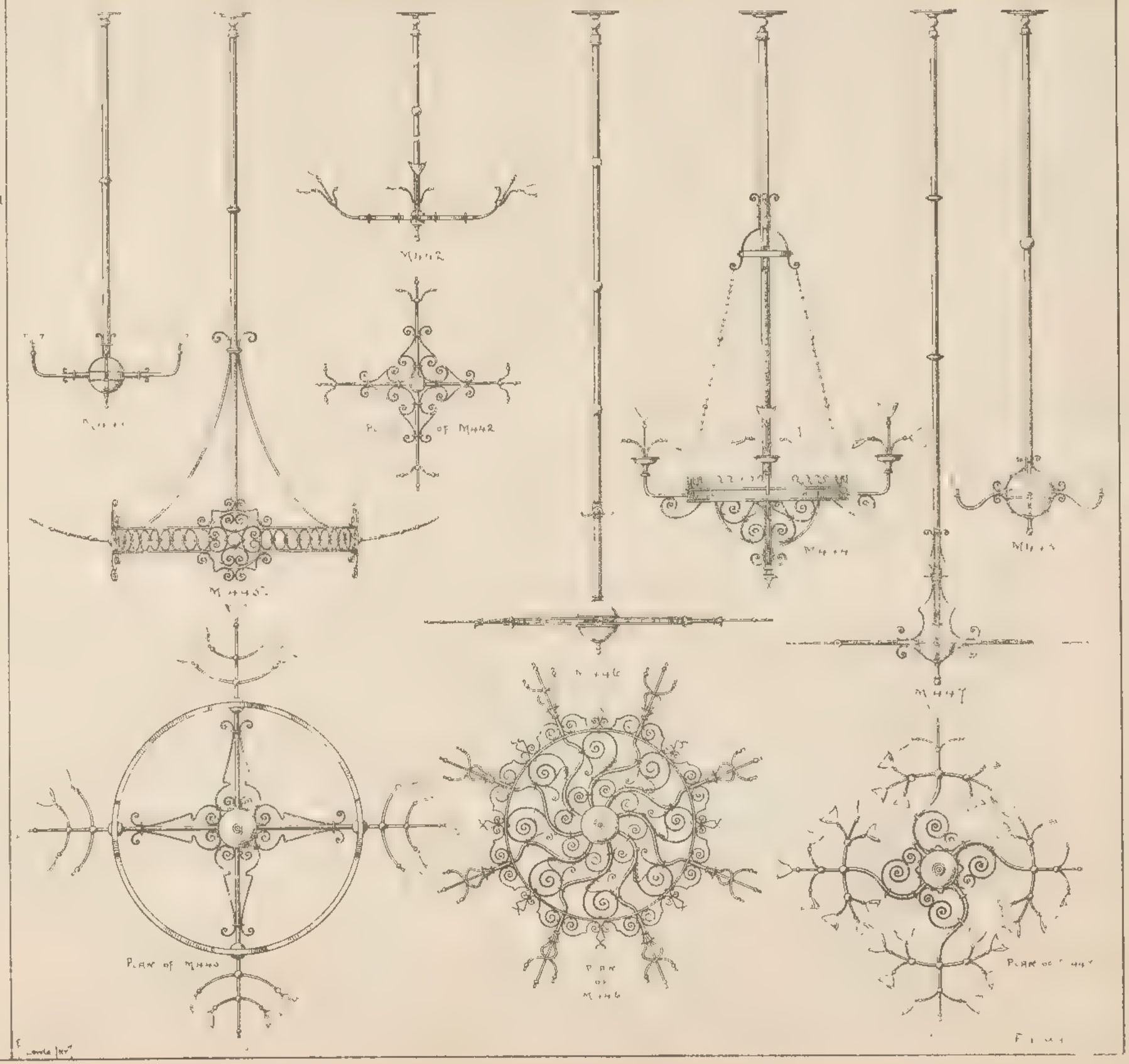
Prices of Pendant Lights include Stems up to 5-ft. long. Extra length of Stem, 6d. per foot extra to Iron, and 1/- per foot extra to polished Brass.

All Globes to Gas-fittings are extra.

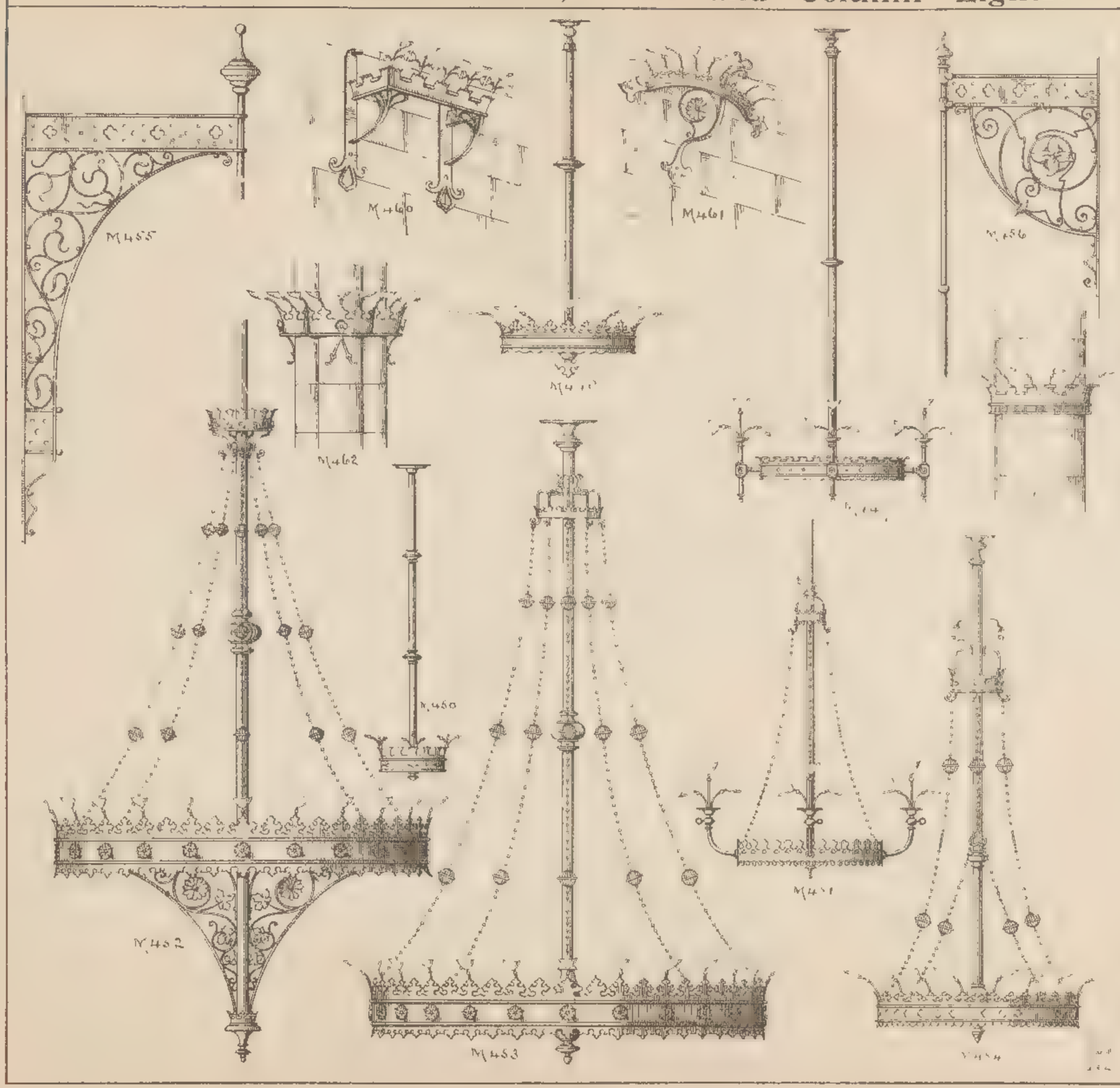
In ordering Iron Fittings, please state if to be Decorated in Colors or Dead Black.

M 441, M 443, M 445, M 446, M 447 in decorated Iron have polished Copper bodies.

Illustrations and Prices are to a scale of ¾in. = 1 foot, but can be made to any dimensions.



Gas Coronæ, Wall and Column Lights.



PRICES.

			Decorated Iron & Brass.	Polished Brass.
M 448	Coronæ	12 Light	42/-	74/6
"	Ditto	16 do.	50/-	85/-
M 449	Ditto	12 do.	67,-	
M 450	Ditto	12 do.	25/-	
M 451	Ditto	16 do.	60/-	91/6
M 452	Ditto	25 do.	373/-	
M 453	Ditto	25 do.	278/6	
M 454	Ditto	20 do.	128/-	200/-
M 455	Bracket for Coronæ 27in. projection		81/6	
M 456	Ditto	20in.	40,-	
"	Suspending Tube for do. ⅞ inch outside diameter	..	6d.	per foot
"	Ditto	1in. ...	8d.	"
"	Ditto	1¼in. ...	10d.	"
M 460	Wall Light 24in. 16 Light	...	56/6	
M 461	Ditto 36in., 9 Light		45,-	
M 462	Column Light, Brass Band, 16 Light		90,-	
M 463	Ditto, Iron Band 10 Light	.	33/-	

M 452 and M 453 in decorated Iron have polished Brass Bands.

Extra for Taps, &c., same as page 203, except for Nos. M 452, M 453 Iron, which are:—Taps 4/6, Cup and Ball Joints, 4,-; Stems above 5ft., 10d. per foot extra.

Illustrations and Prices are to a scale of ¾in. = 1ft., but can be made to any dimensions.

Gas Standard Lights and Pulpit Lights.

PRICES.

		Decorated Iron & Brass. each	Polished Brass each
M 470	Pulpit Light	34/-	53/6
M 471	Ditto	39/-	61/6
M 472	Ditto	54/-	85/6
M 473	Ditto	28/6	42/6
M 475	Pulpit Light, for Candles ...	21/-	
M 476	Standard Light, 3 Light ...	7/3	15/6
M 477	Standard Light, for 3 Candle ..	26/6	43/6
M 478	Standard Light, with Patent Burner	46/6	70/6
M 479	Standard, 3 Light	40/-	60/-
M 480	Ditto 6 do.	53/6	75/-
M 481	Ditto 1 do.	7/0	17/-
M 482	Ditto 9 do.	57/-	7[illegible]/6
M 483	Ditto 7 do	130/-	
M 484	Ditto 9 do.	75/-	1.0[illegible]
M 485	Ditto 7 do.	83/6	119/-
M 486	Ditto 9 do.	84/6	120/-
M 487	Ditto 9 do.	121/6	176/6
M 488	Ditto 15 do.	72/-	101/6

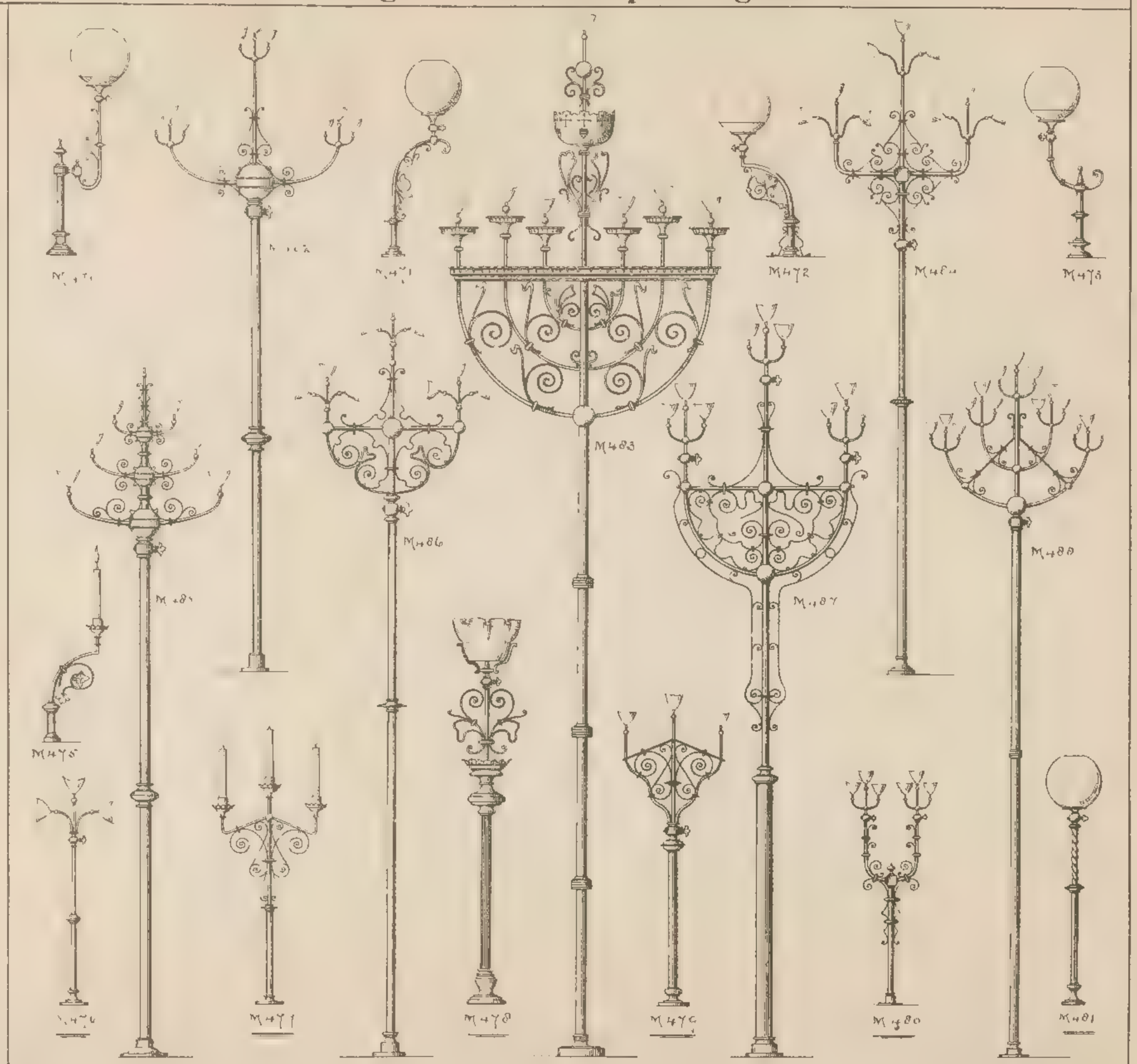
M 482 and M 485 have polished Copper bodies.

In ordering Iron Fittings, please state if to be decorated in Colors or Dead Black.

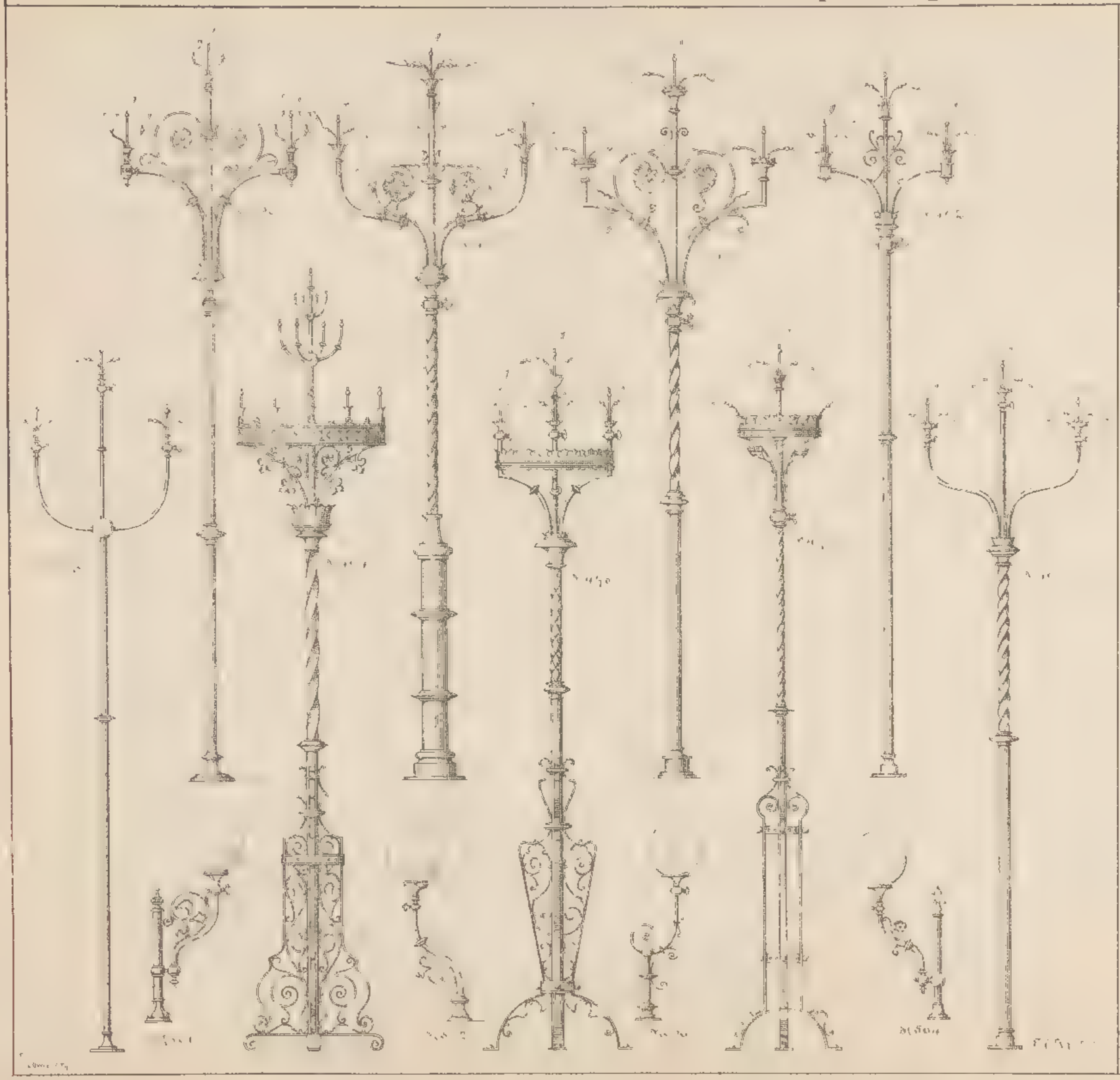
Bases of polished Brass Standards below centre collar are in Iron.

All Globes for Gas-fittings are extra.

Illustrations and Prices are to a scale of ¾in. = 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.



Gas Standards and Pulpit Lights.



PRICES.

			Decorated Iron & Brass. each	Polished Brass. each
M 489	Standard, 9 Light		83/6	[illegible]
M [illegible]	[illegible]	17 do	[illegible]	[illegible]
M 491	Ditto	9 do.	96/6	[illegible]
M 492	Ditto	9 do.	87/6	[illegible]
M 493	Ditto	9 do.	19/-	
M 494	Ditto	17 do.	251/6	[illegible]
M 495	Ditto	15 do.	180/-	[illegible]
M 496	Ditto	7 do	130/6	150/-
M 497	Ditto	9 do.	35/6	60/-
M 501	Pulpit Light		35/6	56/6
M 502	Ditto		23/6	39/-
M 503	Ditto		34/6	51/-
M 504	Ditto		31/9	55/-

Bases of polished Brass Standards below centre collar are in Iron

All Globes for Gas-fittings are extra.

Illustrations and Prices are to a scale of ¾in. 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.

Gas Brackets.

PRICES.

		Decorated Iron & Brass.	Polished Brass.
M [illegible]	Bracket, 9in. projection	3/-	6/6
M [illegible]	Ditto 12in. „	3/9	9/3
M [illegible]	Ditto 10in. „	4/-	10/-
M [illegible]	Ditto 10in. „	5/3	13/9
M [illegible]	Ditto 14in. „	4/-	10/-
M [illegible]	Ditto 14in. „	[illegible]	[illegible]
M [illegible]	Ditto 14in. „	[illegible]	[illegible]
M [illegible]	Ditto 7½in. „	[illegible]	[illegible]
M [illegible]	Ditto 6in. „	[illegible]	[illegible]
M [illegible]	Ditto 7in. „	[illegible]	[illegible]
M [illegible]	Ditto 18in. „	[illegible]	[illegible]
M [illegible]	Ditto 12in „	[illegible]	[illegible]
M [illegible]	Ditto 14in. „	[illegible]	[illegible]
M [illegible]	Ditto 12in. „	[illegible]	[illegible]
M [illegible]	Ditto 14in. „	[illegible]	[illegible]
M 535	Bracket to 6in, 15in projection	18/-	[illegible]
M 536	Ditto ditto 10in. projection	16/-	30/-
M 537	Ditto 14in. projection	10/9	28/-
M 538	Ditto 15in. „	27/-	

		Dead Black and Copper.	Polished Brass and Copper.
M 539	Bracket, 16in. projection „ ...	54/-	124/-
M 540	Ditto 9in. projection	7/-	
M 541	Ditto 12in. „	13/-	
	Ditto lighter make	11/-	
M 542	Ditto 12in. projection	16/-	28/9
M 543	Ditto 16in. „	25/-	
	Ditto lighter make	18/6	
M 544	Ditto 19in. projection	20/-	
	Ditto lighter make	16/-	
M 545	Ditto 12in. projection	19/-	27/-

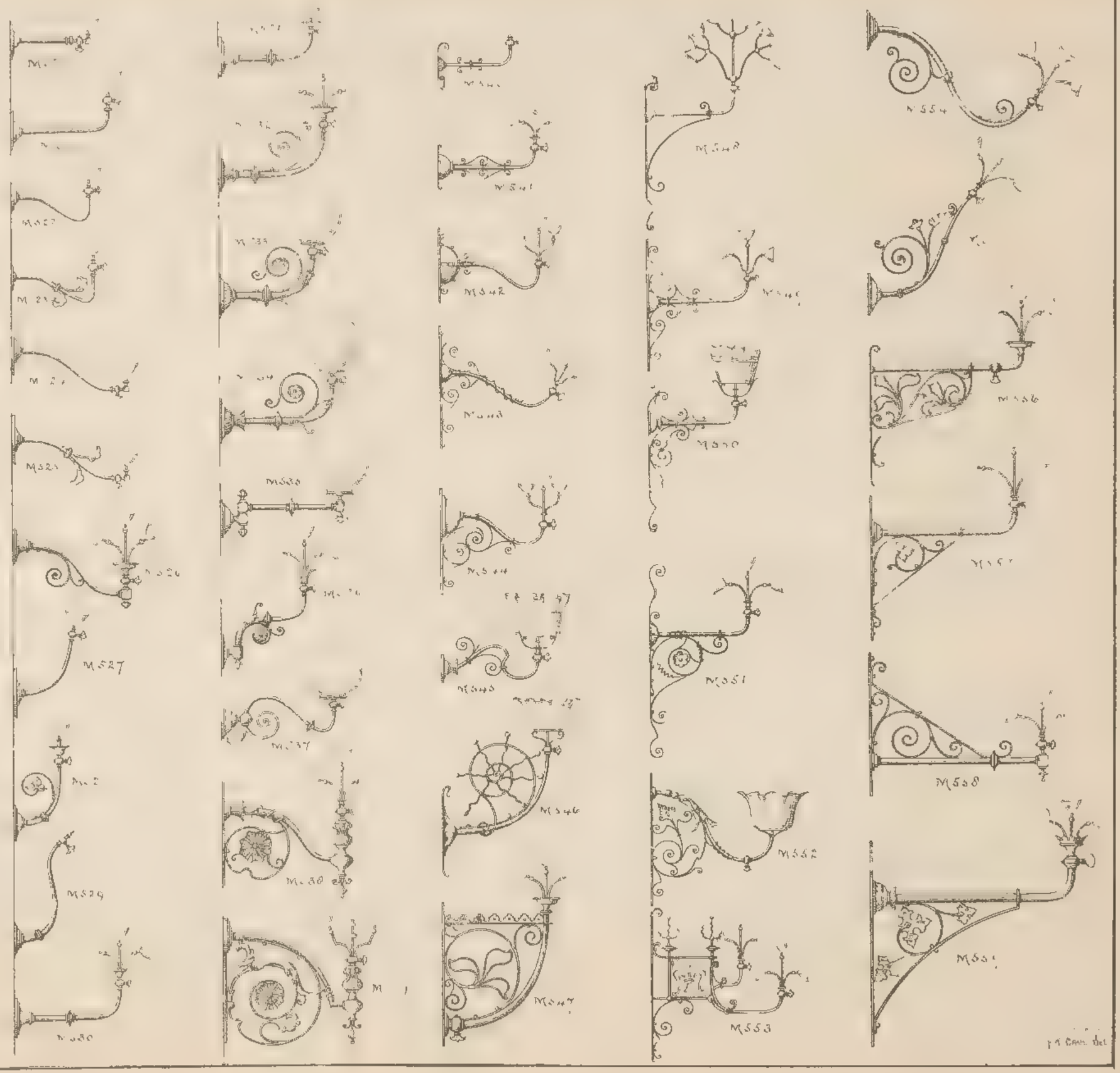
		Decorated Iron & Brass	
M 546	Ditto 13in. „	[illegible]	
M 547	Ditto 13in. „	[illegible]	

		Dead Black and Copper.	Polished Brass and Copper.
M 548	Bracket 12in. projection, 9 Light ...	22/-	34/6
„	Ditto lighter make	20/-	
M 549	Ditto 13in. projection	[illegible]	
	Ditto lighter make	18/-	
M 550	Ditto 12in projection	26/-	
	Ditto lighter make	21/-	
M 551	Ditto 12in. projection	25/-	
	Ditto lighter make	21/-	
M 552	Ditto 15in. projection	40/-	
	Ditto lighter make	33/6	
M 553	Ditto 16in. projection 6 Light	35/-	76/6
M [illegible]	Ditto 24in projection	12/6	31/6
M [illegible]	Ditto 16in. „	12/6	31/6

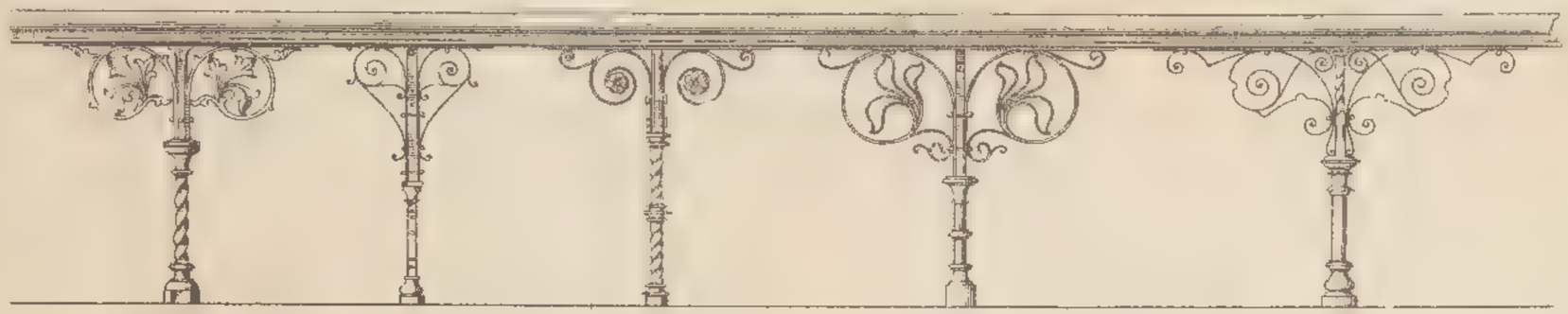
		Decorated Iron & Brass.	Polished Brass.
M [illegible]	Ditto 19in. projection Malleable Scrolls	21/6	
	Ditto all wrought	38/6	
M [illegible]	Ditto 18in. projection	[illegible]	45/6
M [illegible]	Ditto 21in. „	[illegible]	
M [illegible]	Ditto 26in. „	[illegible]	

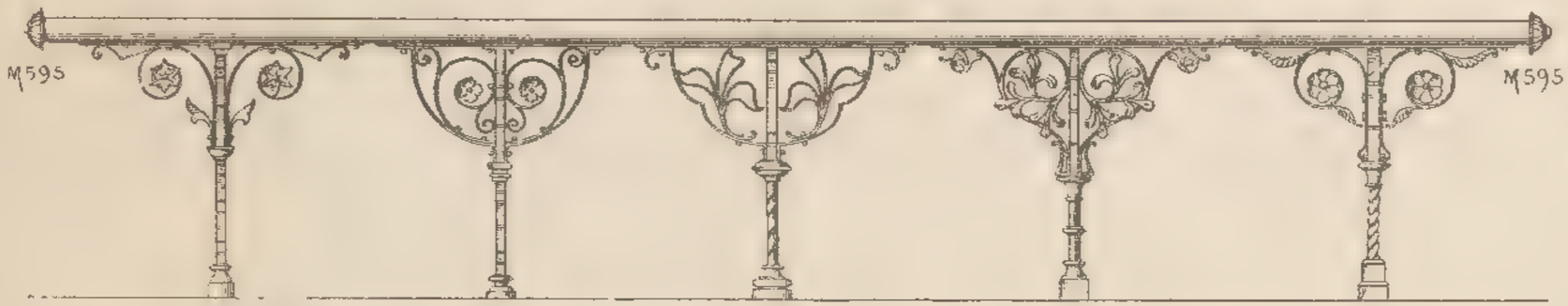
All Globes for Gas-fittings are extra.

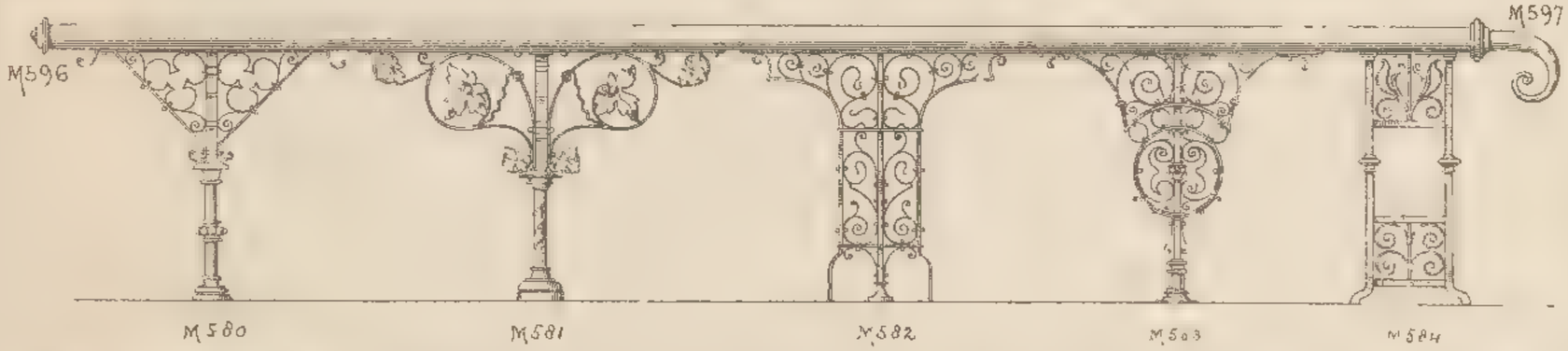
Illustrations and Prices are to a scale of ¼in. 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements

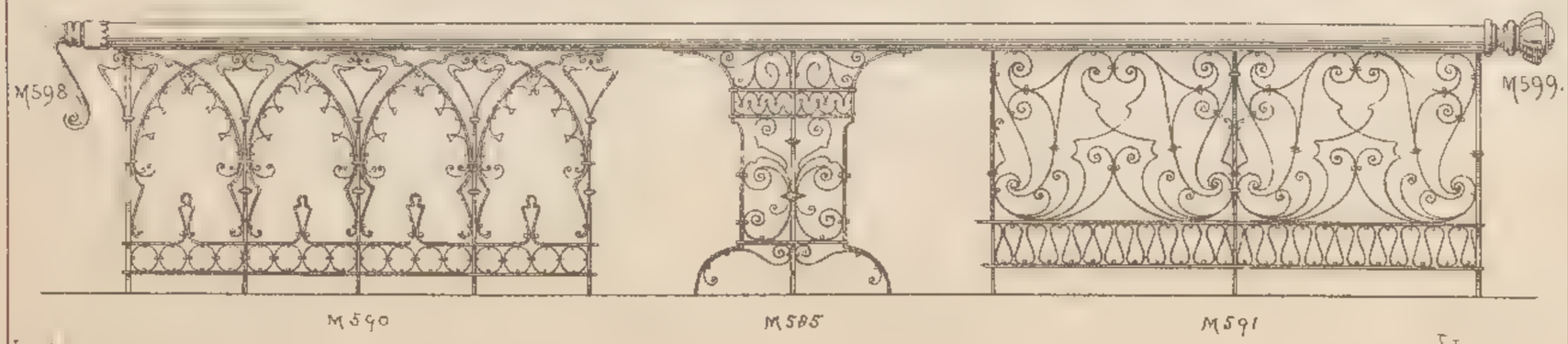


Altar Rail Standards and Rails.









PRICES.

			each.	Polished Brass. each.
M 570	Cast Iron	primed	8/6	
M 571	Malleable Scrolls	do.	11/6	50/6
M 572	Ditto	do.	11/6	50/6
M 573	Ditto	do.	15/6	70,-
M 574	Wrot Scrolls	do.	22/6	
M 575	Ditto	do.	20/-	56/6
M 576	Ditto	do.	22/6	
M 577	Wrot and Malleable Scrolls	primed	16/-	
M 578	Wrot Scrolls	do	31	
M 579	Malleable Scrolls	do.	20,-	75,-
M 580	Wrot Scrolls	do.	29,-	84/6
M 581	Ditto	do.	24,-	92/-
M 582	All Wrot	do.	38/-	121/6
,,	Dead Black & Copper		74/6	
M 583	All Wrot	primed	45,-	132,-
	Dead Black & Copper		71/-	
M 584	Malleable Scrolls	primed	18/6	63,-
M 585	All Wrot	do.	51/6	154/6
,,	Dead Black & Copper		91,	
M 590	All Wrot, per foot run	primed	27/6	77/6
M 591	All Wrot, Brass Fret	primed	38,-	

	Half Polished.	Full Polished.
Oak Rail, 2¼in. dia., per foot run	1/4½	1/7
Oak Rail, 2½in. dia., per foot run	1/6	1/8½
M 592 Oak Rail, 2¾in. dia., Molded, per foot run	2/6	2/9

Plain ends. Carved ends extra.

Polished Brass Rail, 2in. dia. per foot run. ...	2/8
Polished Brass Rail, 2¼in. dia.	3/4
Ditto ditto 2½in. dia.	3/9

Brass Ends for Rails		2in.	2¼in.	2½in.
M 593	Ditto	each 7/-	8/-	9/-
M 594	Ditto	,, 3/10	4/2	4/6
M 595	Ditto	,, 16/-	16/6	17 -
M 596	Ditto	,, 17/-	18,-	19,-
M 597	Ditto	,, 8/2	9/-	10/9

Above prices include drilled core Rails at top, and ordinary Fixings for Stone or Wood Steps at bottom. Decorating Iron Standards 1/6 to 4/- each extra.

Fixing Standards to Brass Rails 4/9 each Standard extra

Illustrations and Prices are to a scale of ¾in. = 1 ft., but designs in Wrot Iron can be made to any dimensions.

Desk Standards and Pulpit Desks.

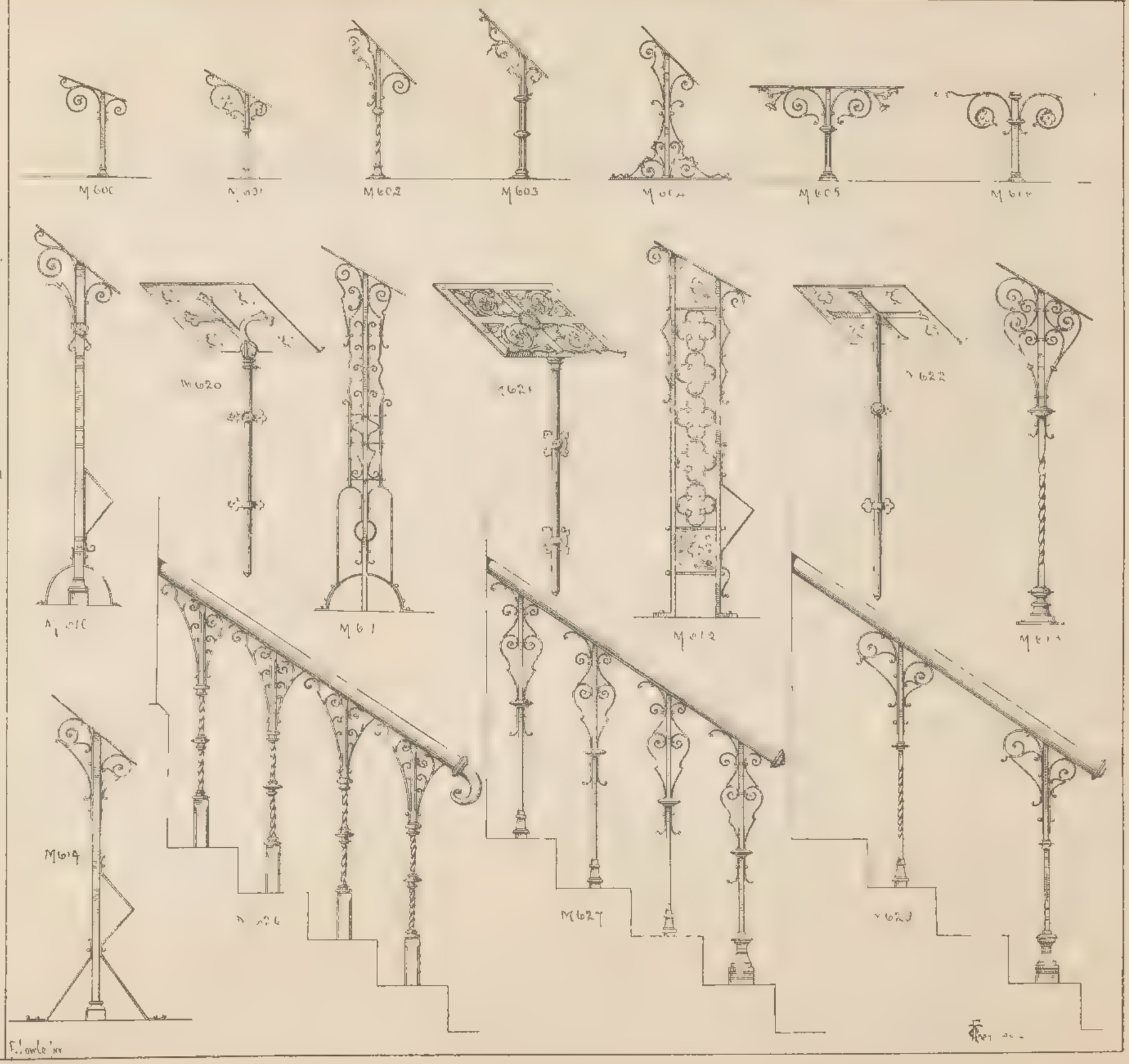
PRICES.

		Iron Primed.
M 600	Book Desk Standard ..	5/3
M [illegible]	Ditto do. ...	11/3
M [illegible]	Ditto do. ...	13/-
M [illegible]	Ditto do	[illegible]
M 604	Ditto do.	18/6
M 605	Ditto do,	7/-
M 606	Ditto do.	[illegible]
M 610	Choir Desk Standard	[illegible]
M 611	Ditto do.	35/6
M 612	Ditto do.	92/6
M 613	Ditto do	24
M 614	Ditto do.	13/3
		Polished Brass.
M 620	Pulpit Desk, to adjust and to slide	70/-
M 621	Ditto do.	100
M 622	Ditto to slide	[illegible]/6
,,	Ditto Oak Book Board	[illegible]
M 626	Iron Pulpit Balustrade, with polished Brass Pad and End . ..	120
M 627	Ditto do. .	107/6
M 628	Ditto do. ...	[illegible]/6

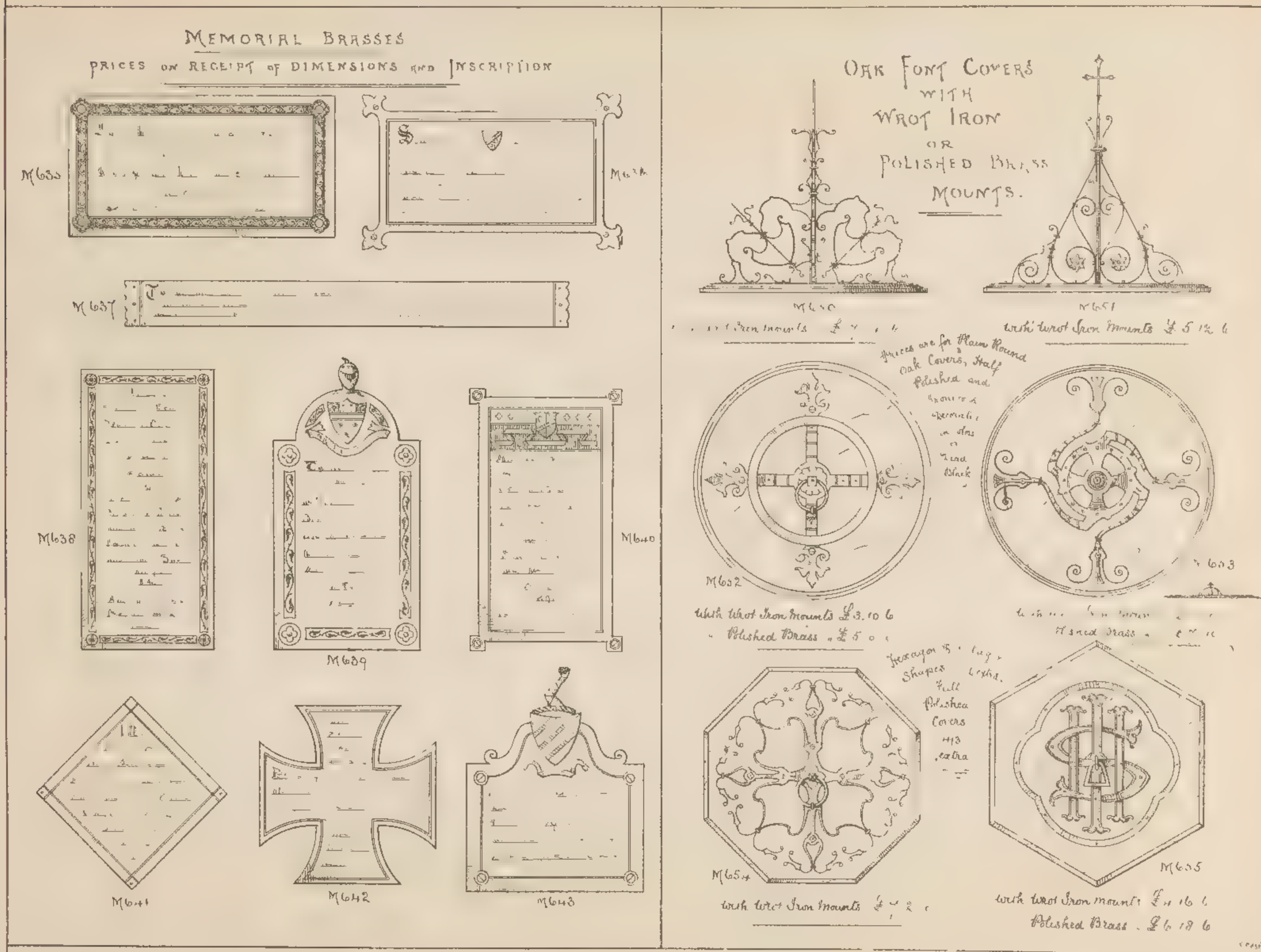
Above prices include ordinary Fixings for Wood or Stone.

Painted and decorated in Colors, extra.

Illustrations and Prices are to a scale of ¾in. 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.

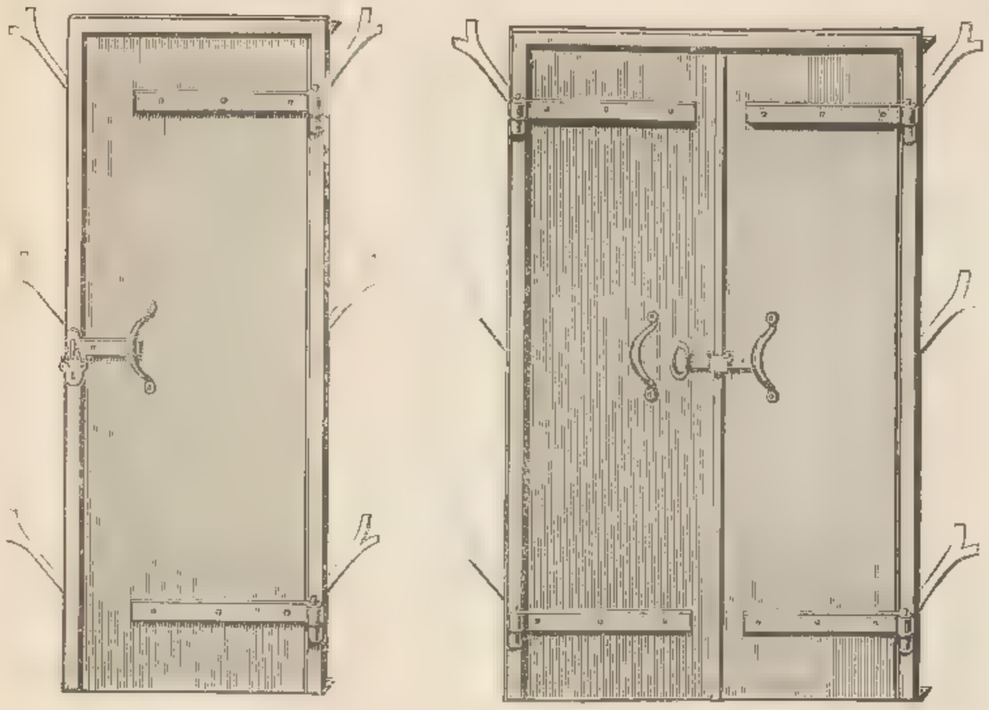


Memorial Brasses and Font Covers.



Prices are to a scale of ¾in. = 1 foot, but can be made to any dimensions. *Quotations for other sizes and designs on receipt of requirements.*

INSURANCE AND WAREHOUSE DOORS.



W 1

Doors of ¼ in. plate closing on Angle Iron frame thus

6 ft 0 in × 2 ft 0 in, one leaf	£2 13 0
6 ft 6 in × 2 ft 6 in ...	£2 18 0
6 ft. 6 in. × 3 ft 6 in., two leaves	£5 0 0
6 ft. 6 in. × 4 ft. 0 in ,, ...	£5 7 0
6 ft 6 in. × 5 ft. 0 in ,, ...	£5 15 0

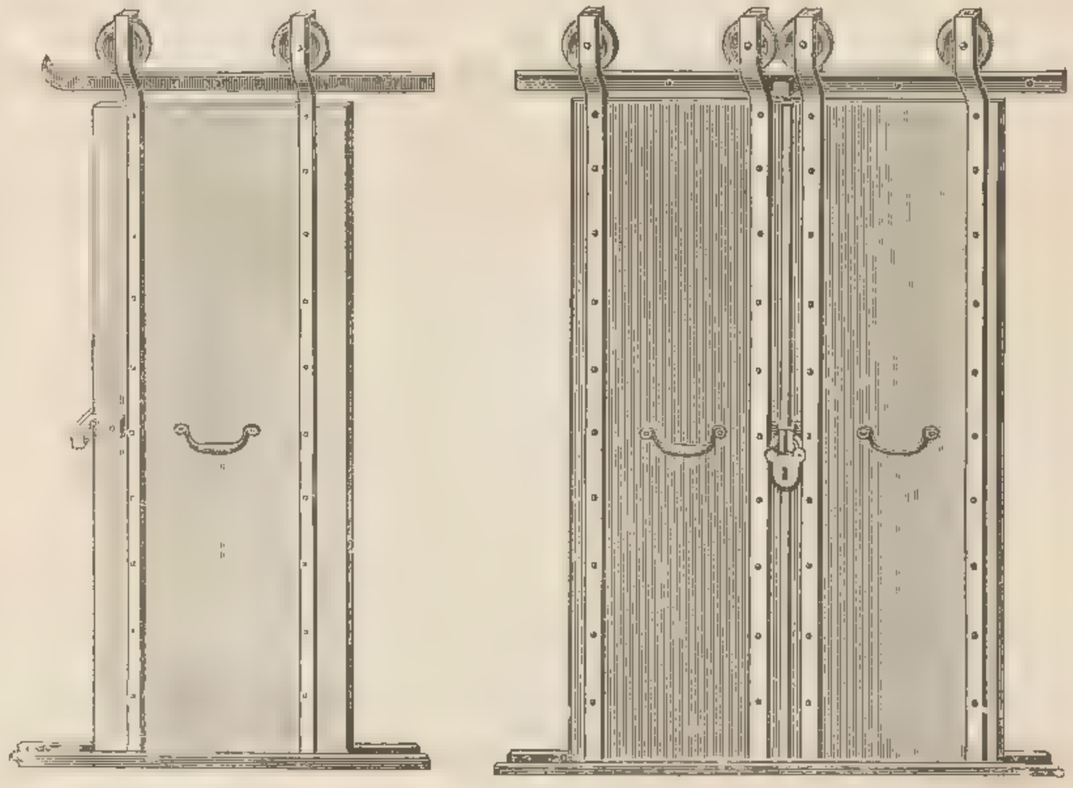
If with Angle Iron Rebates on Door, thus—

One leaf doors, 13/- each extra, two leaf doors, 25/- each extra

Above prices include Hasp for Padlock or Bolt

Unless otherwise ordered, these doors are sent with flat cill to let into floor, as shewn on W 3.

Two Leaf Doors have two bolts on the leaf closing first



W 2

Doors of ¼-in. plate including Top Bar, Channel Guide at Bottom, and Hasp for Padlock.

6 ft. 6 in × 2 ft 6 in., one leaf	£3 1 0
6 ft 6 in × 3 ft 0 in ,, ...	£3 2 0
6 ft 6 in × 4 ft. 0 in, two leaves	£5 5 0
7 ft. 0 in × 5 ft 0 in ,, ...	£5 18 6

If with Angle Iron frame to Sides and Top of opening, thus—

One leaf doors, 16/- each extra; two leaf doors, 22/6 each extra

If with Interlocking Frames to Sides and Top, thus—

One leaf doors, 24/- each extra, two leaf doors, 34/- each extra

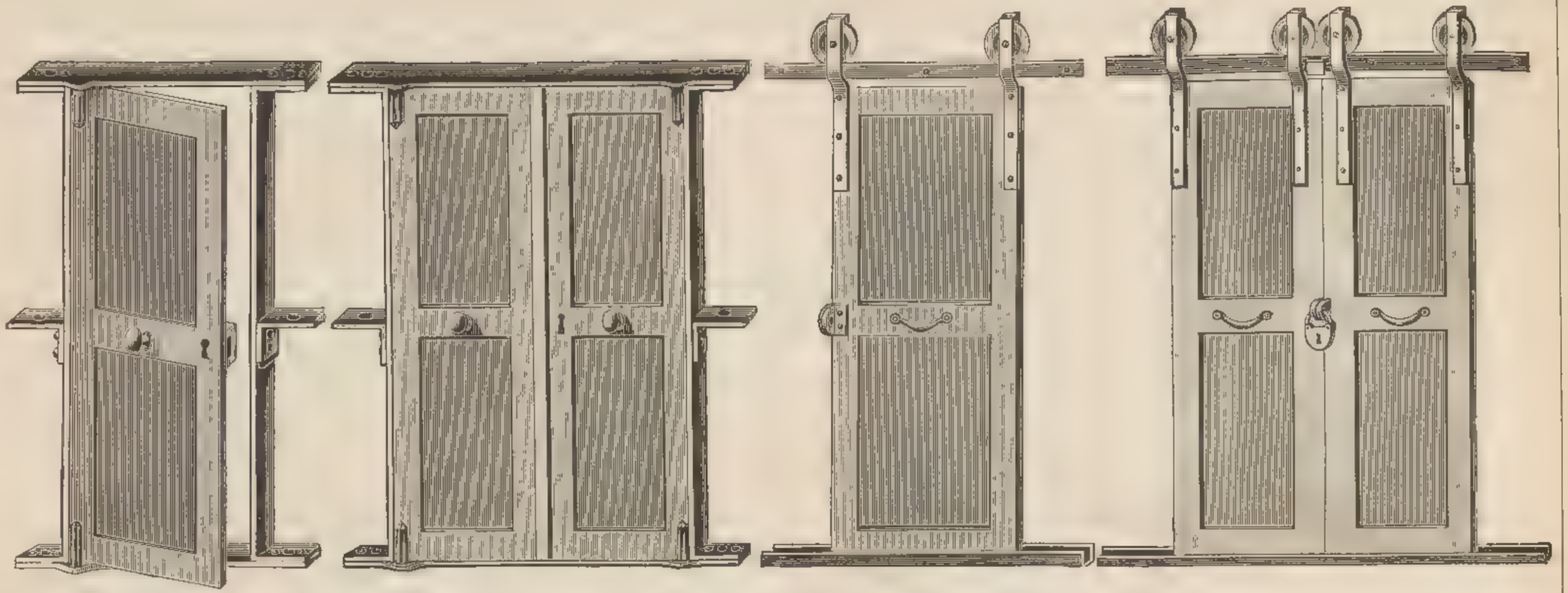
Above dimensions are sizes of doors. Openings should be 4 in less in width and 2 in less in height.

Box Handles to admit of doors being opened from either side, 2/- per handle extra

Strong Tee Iron Straps on doors instead of flat, 12/- per leaf extra

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.

INSURANCE AND WAREHOUSE DOORS.



W 3

Doors ¼-in. Plate with ¼-in. Panelling on one side in Rebated Frame, thus—

6 ft 0 in × 2 ft 0 in., one leaf						£4	7	0
6 ft 6 in × 2 ft 6 in	,,	...	...	...	...	£4	13	0
7 ft 0 in × 3 ft 0 in	,,	...	...	...	...	£5	5	6
6 ft 6 in × 3 ft 6 in, two leaves		...	...	...	...	£8	3	6
6 ft 6 in. × 4 ft. 0 in	,,	...	...	...	...	£8	7	0
6 ft 6 in × 5 ft 0 in	,,	...	...	...	...	£8	18	0
7 ft 0 in × 6 ft 0 in	,,	...	...	...	...	£9	17	6

If panelled on both sides, one leaf doors, 13/- each extra, two leaf doors, 26/6 each extra.

Extra if with Angle Iron Frame, thus—

One leaf doors, 8/6 each extra, two leaf doors, 11/- each extra.

Above prices include Two Bolts to each leaf or strong ordinary Dead Lock

Best 2-Lever Lock ... . .. 3/- each extra
,, 4- ,, ,, ... 5/ ,,

If four panels to each leaf, 3/6 per leaf extra, if panelled one side
Ditto ditto 7/- ,, ,, ,, both sides

Two Leaf Doors have two bolts on the leaf closing first

W 4

Doors of ¼-in. Plate with ¼-in. Panelling on one side, including Top Bar, Channel Guide at bottom, and Hasp for Padlock.

6 ft 6 in × 2 ft 6 in., one leaf						£3	9	6
7 ft. 0 in × 3 ft 0 in	,,					£4	1	0
6 ft 6 in × 4 ft 0 in, two leaves						£6	8	0
7 ft. 0 in × 5 ft 0 in	,,					£7	5	6
7 ft. 0 in × 6 ft. 0 in.	,,					£7	15	6

Extra if Panelled on both sides

One leaf doors, 13/- each extra, two leaf doors, 26/6 each extra

If with Angle Iron Frame for Sides and Top of opening, thus—

One leaf doors, 16/6 each extra; two leaf doors, 24/- each extra

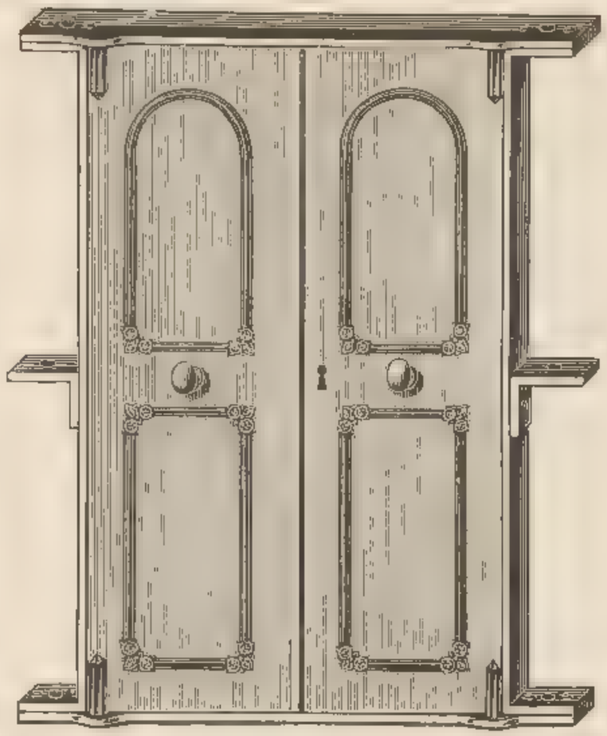
If with Interlocking Frame to Sides and Top, thus

One leaf doors . 25/- each extra
Two 3 ,,

Above dimensions are sizes of doors Openings should be 4 in less in width, and 2 in. less in height

Box Handles to admit of doors being opened on either side 2/- per handle extra

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.



W 5

Doors of ½-in. plate, with moulding on surface (one side), in rebated frame, thus—

6 ft. 0 in × 2 ft. 0 in., one leaf	£5 14 0
6 ft 6 in × 2 ft. 6 in ,,	£6 5 0
7 ft 0 in × 3 ft. 0 in ,,	£7 5 0
6 ft 6 in × 4 ft 0 in, two leaves	£10 18 0
6 ft 6 in × 5 ft 0 in ,,	£11 17 6
7 ft 0 in × 6 ft 0 in	£13 12 0

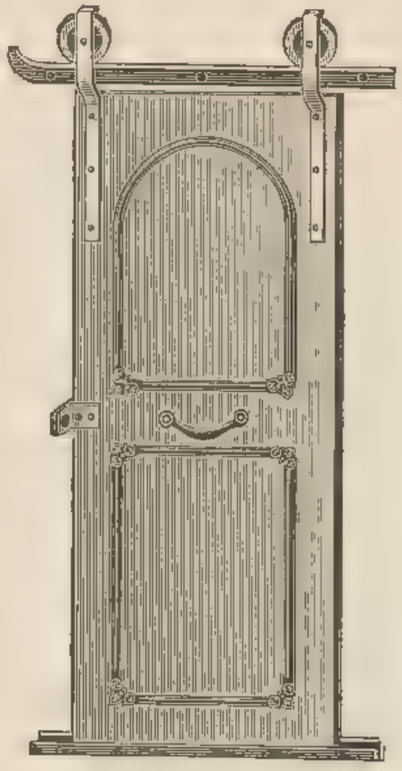
If with Angle Iron Frames, thus—

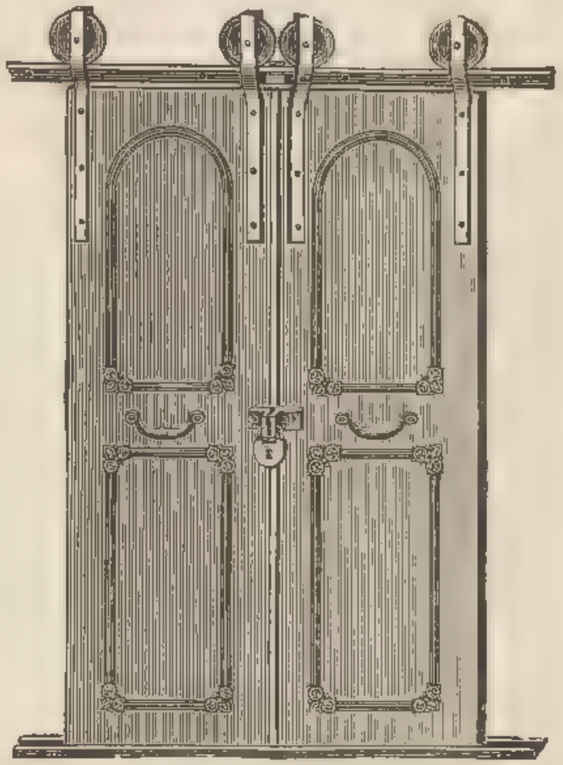
One leaf doors, 13/- each extra, two leaf doors, 21/6 each extra.

Above prices include strong ordinary Dead Lock

Extra for best two-lever Dead Lock ... ,, ...	3/ each
,, four lever .	5/-

Two Leaf Doors have two bolts on the leaf closing first





W 6

Doors of ½-in. plate, with moulding on surface (one side), including Top Bar, Channel Guide at Bottom and Hasp for Padlock.

6 ft 6 in × 2 ft 6 in, one leaf	£5 4 6
7 ft 0 in × 3 ft 0 in ,, ...	£6 1 6
6 ft 6 in. × 4 ft 0 in, two leaves	£9 8 0
7 ft. 0 in × 5 ft 0 in. ,, ...	£10 15 0
7 ft 0 in. × 6 ft. 0 in. ,, ...	£12 3 6

If with Angle Iron Frames for Sides and Top of opening, thus—

One leaf doors, 23/- each extra; two leaf doors, 25/6 each extra

If with Interlocking Frames at Sides and Top, thus—

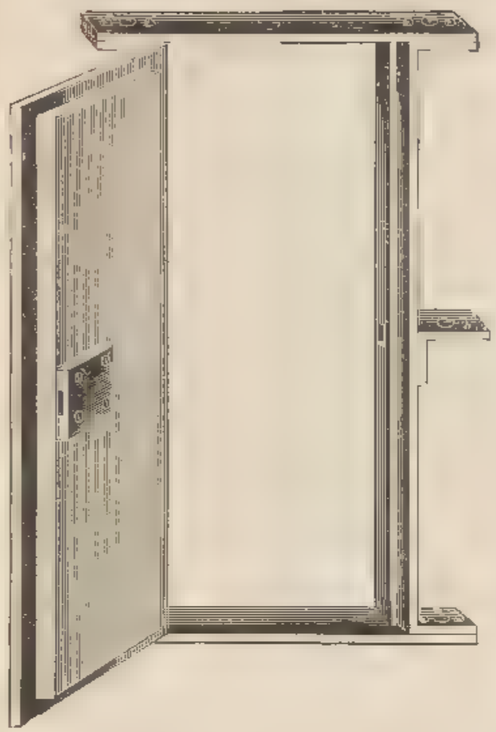
One leaf doors, 26/6 each extra; two leaf doors, 38/6 each extra

Above dimensions are sizes of doors Openings should be 4 in less in width, and 2 in less in height

Box Handles to admit of doors being opened on either side, 2/- per handle extra

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.

STRONG ROOM DOORS AND VENTILATING GATES.



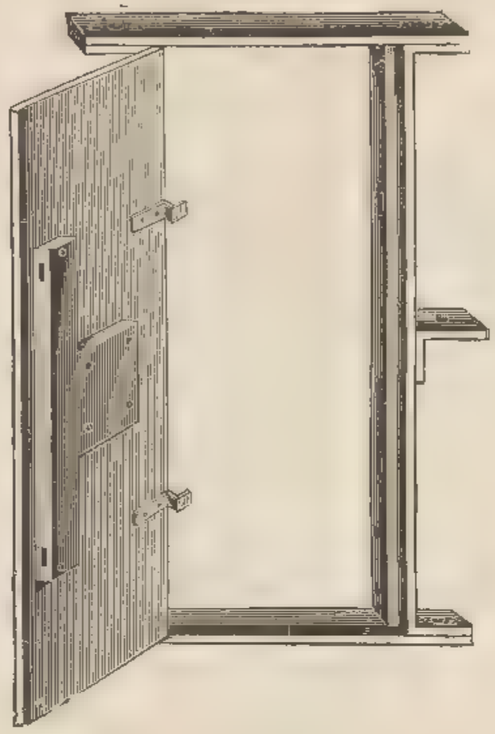
W 7

FIREPROOF DOOR.

Secured by best Lever Dead Lock The door is of ¼-inch plate, with styles and rails ¼-inch thick, and has Fireproof Chamber attached

6ft 0in × 2ft 0in	..	£8	13	6
6ft 6in × 2ft 6in	.	9	7	0
7ft 0in × 3ft 0in		10	8	6

The Lock is fixed inside the chamber instead of outside, as illustration

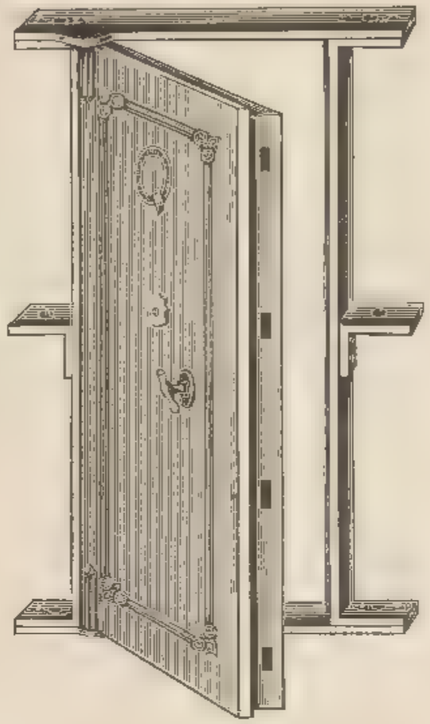


W 8

STRONG ROOM DOOR.

With Iron Handle throwing Two Bolts, secured by two-keyed powder proof safe lock, protected by drill-proof plate. Front moulded as W 5

ft. in. ft. in.		Thickness of Plate ⅜ in.	Thickness of Plate ⅝ in
6 0×2 0	..	£9 2 6	£10 0 6
6 0×2 6	..	9 17 6	10 17 0
6 0×3 0		10 0 0	11 1 6



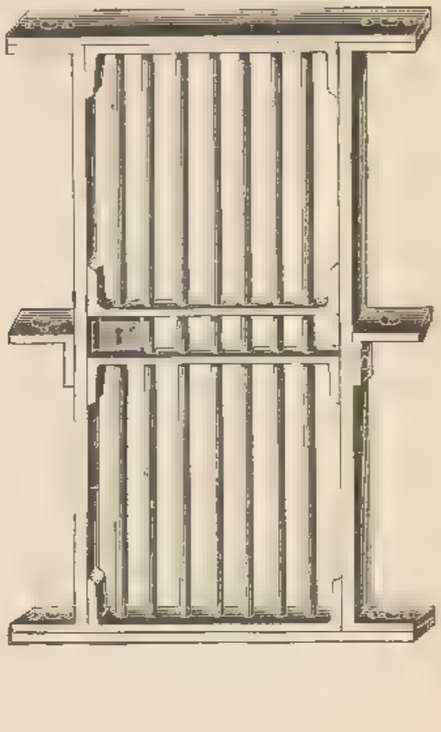
W 9

STRONG ROOM DOOR.

Made with or without Fire-proof Chambers

With Brass Handle throwing Four Bolts, secured by two keyed powder-proof lock, protected by drill-proof plate, four fixed back bolts or dogs on hinge side

ft. in. ft. in	With Lock Casing [illegible] but without Fire-proof Chamber. Thickness of Outer Plate, ⅜ inch,	If with Fire-proof [illegible] tion to Lock Chamber.
6 0×2 0	£13 5 6	[illegible]
[illegible]	[illegible]	[illegible]
6 0×3 0	[illegible]	[illegible]
If Outer [illegible]	[illegible]	[illegible]



W 10

VENTILATING GATE FOR STRONG ROOM.

Fitted with best Lever Dead Lock

ft. in. ft.	
6 0 [illegible] 0	£[illegible] 5 0
[illegible] 0 2	[illegible]
6 [illegible]	[illegible]

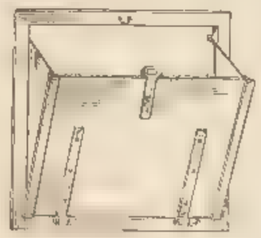
Above prices are for doors with frames thus—

If with Strong Angle Iron Frames thus

[illegible] extra

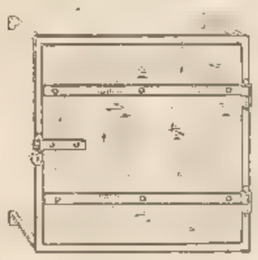
Special prices for large quantities on receipt of specifications. Can be made to any dimensions.

STRONG ROOM FITTINGS, ASHPIT DOORS, &c.



W 10

WROUGHT IRON COAL HOPPER, with Wings.

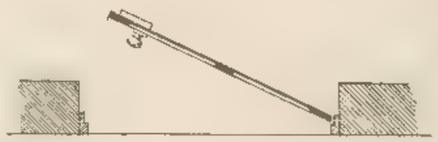


W 11

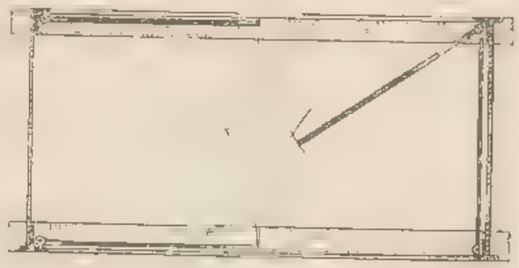
WROUGHT ASHPIT DOOR.

PLANS SHOWING HANDS OF DOORS.

A
Hung on Right, opening Out



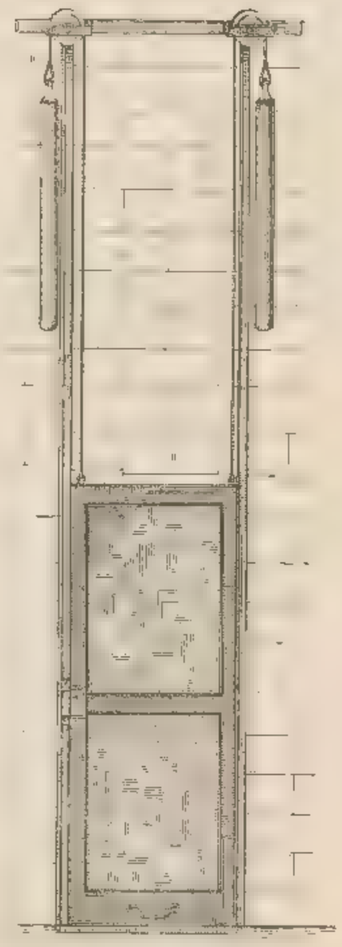
B
Hung on Right, opening In



Set of Two Doors with two leaves each folding in thickness of wall

C
Hung on Left, opening Out

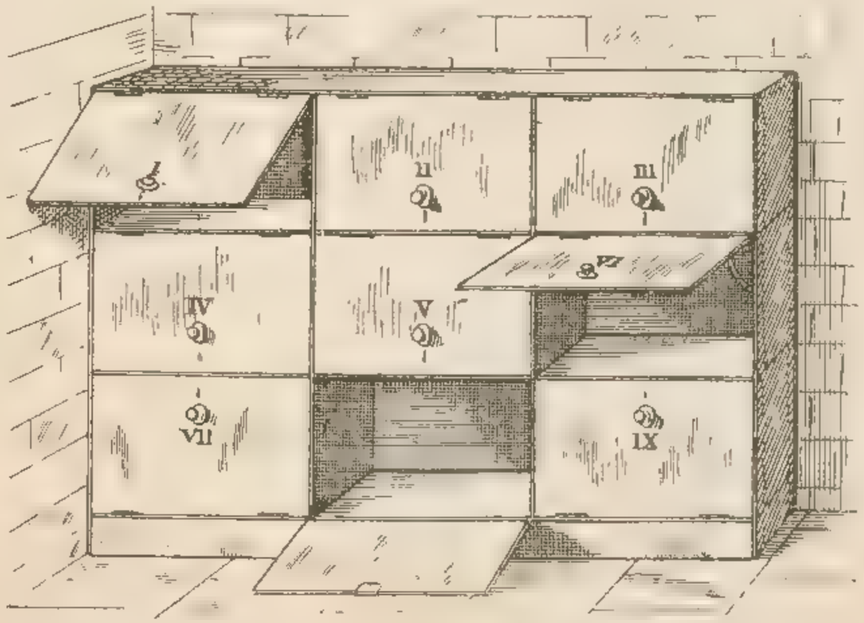
D
Hung on Left, opening In



W 12

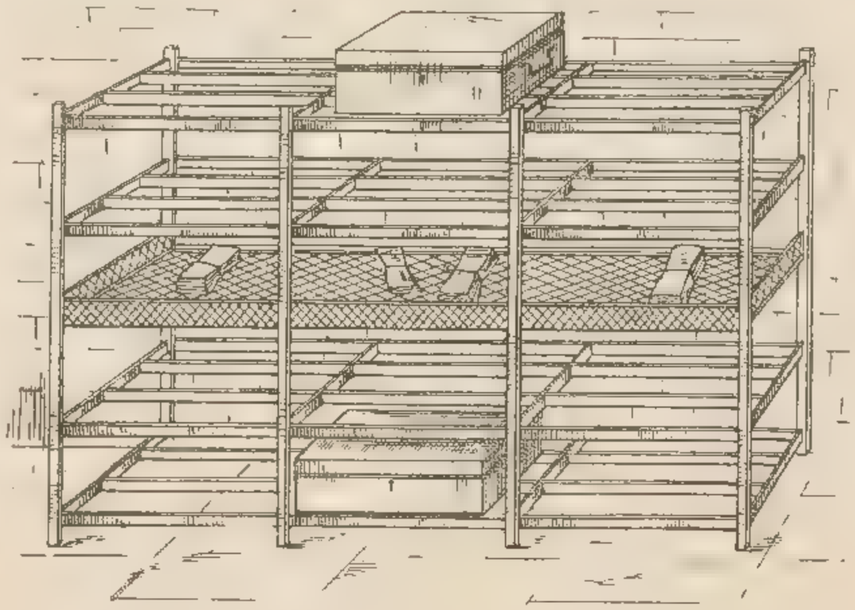
WROUGHT IRON LIFTING SLIDING DOOR.

SET OF NINE STRONG ROOM LOCKERS.



F 200—Fitted with lever locks . . . 40/ to 50/- per locker

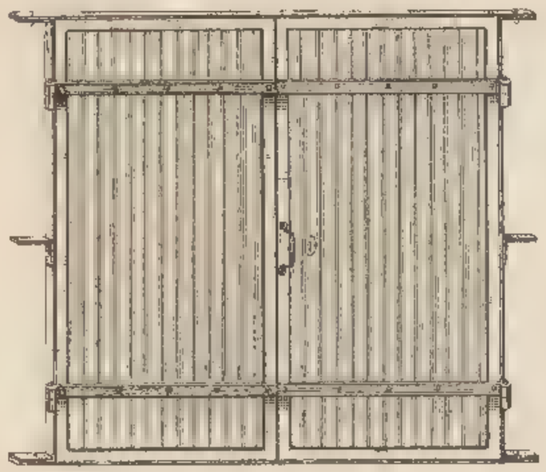
SET OF OPEN SHELVES FOR STRONG ROOM.



F 201—5 ft 6 in high × 18 in deep .. 8/- to 11/- per foot run

Made to any dimensions. Other prices on receipt of requirements.

CORRUGATED IRON DOORS.

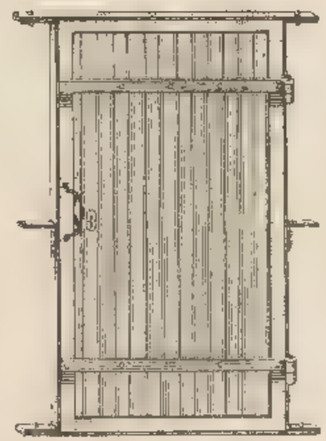


1 6 3

GALVANIZED CORRUGATED IRON DOOR.

Angle Iron Frames in 2 Leaves, hung in Rebated Frame, with Lock, Bolts and Handle

6 ft 0 in × 6 ft 6 in high ... £6 18 0
7 ft 0 in × 7 ft 0 in. „ ... £7 11 0



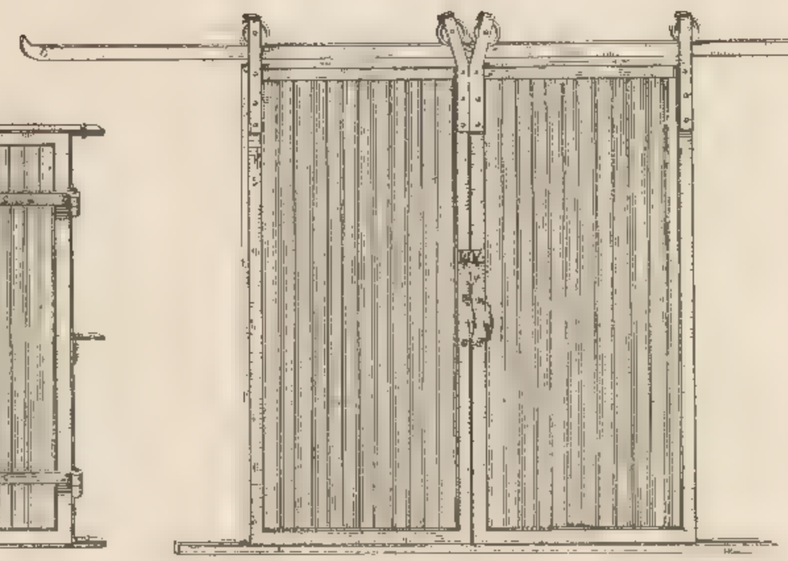
1 6 7

GALVANIZED CORRUGATED IRON DOOR.

Angle Iron Frame, hung in Rebated Frame, with Lock and Handle

3 ft 6 in. × 6 ft 6 in. high £4 8 6

4 ft 0 in. × 7 ft 0 in high £4 18 0

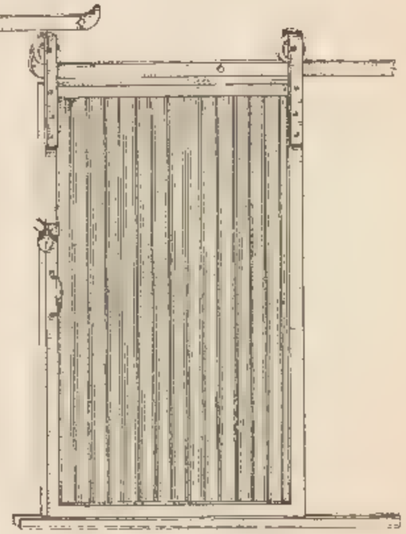


1 6 2

GALVANIZED CORRUGATED IRON SLIDING DOOR.

Angle Iron Frames, 2 Leaves with Top Bar, and Bottom Guide, and Hasps for Padlock

7 ft 0 in × 7 ft 6 in high ... £6 13 0
8 ft 0 in × 8 ft. 0 in „ ... £7 2 0



1 6 5

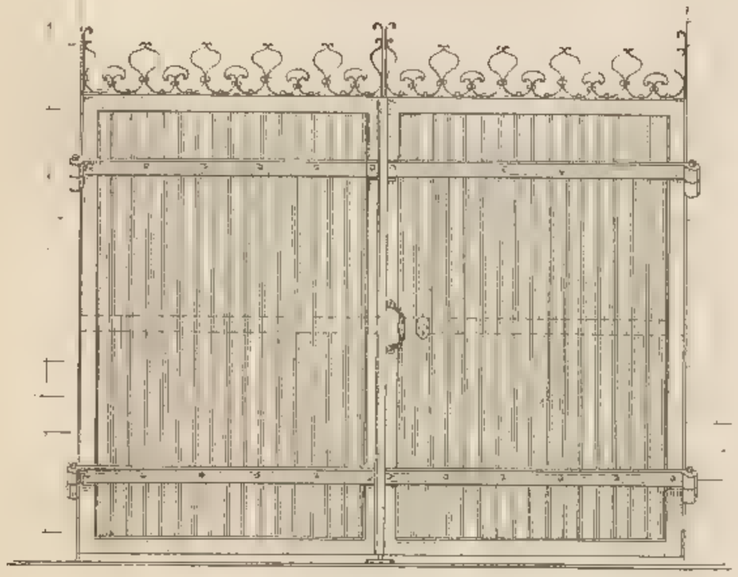
GALVANIZED CORRUGATED IRON SLIDING DOOR.

Angle Iron Frame with Top Bar and Bottom Guide and Hasps for Padlock

4 ft 0 in × 7 ft 0 in high. £3 0 0

5 ft. 0 in. × 7 ft 6 in high £3 16 6

Special prices for large quantities on receipt of specifications.

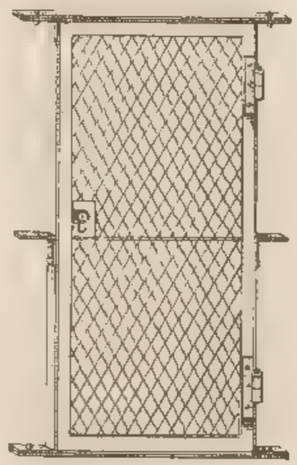


F 674

GALVANIZED CORRUGATED IRON GATES.

In Angle Iron Frames with Lock, Bolt, Handle and Hangings for Stone or Wood

9 ft 0 in × 7 ft 9 in to top	..	...	£8 8 0
10 ft 0 in × 7 ft 9 in ,,	...	..	£8 17 6



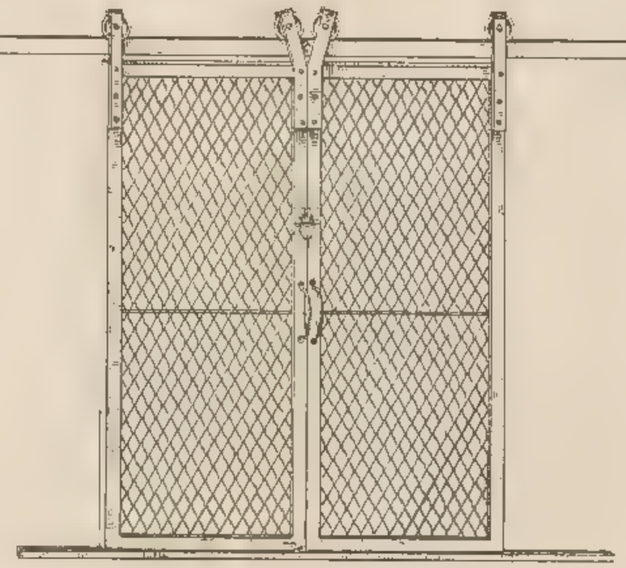
F 675

VENTILATING DOOR.

Of Extended Metal, as on page 279 in Angle Iron Frame, hung in Rebated Frame

2 ft 6 in × 6 ft. 6 in high, £3 11 0

3 ft. 0 in × 6 ft 6 in high £3 14 6

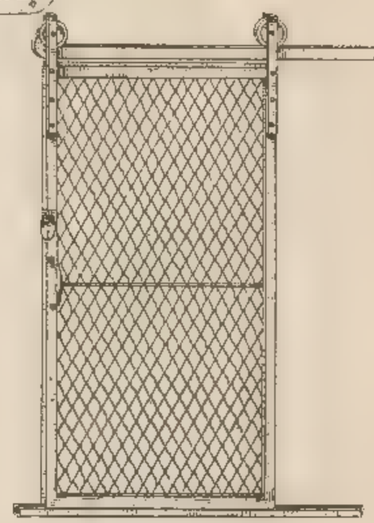


F 676

VENTILATING SLIDING DOOR.

Of Extended Metal, as on page 279, Angle Iron Frames, 2 Leaves, with Top Bar and Bottom Guides, Handles and Hasps for Padlock

6 ft 0 in. × 7 ft 0 in high	£5 17 6
7 ft 0 in. × 7 ft 6 in ,,	£7 11 6



F 677

VENTILATING SLIDING DOOR.

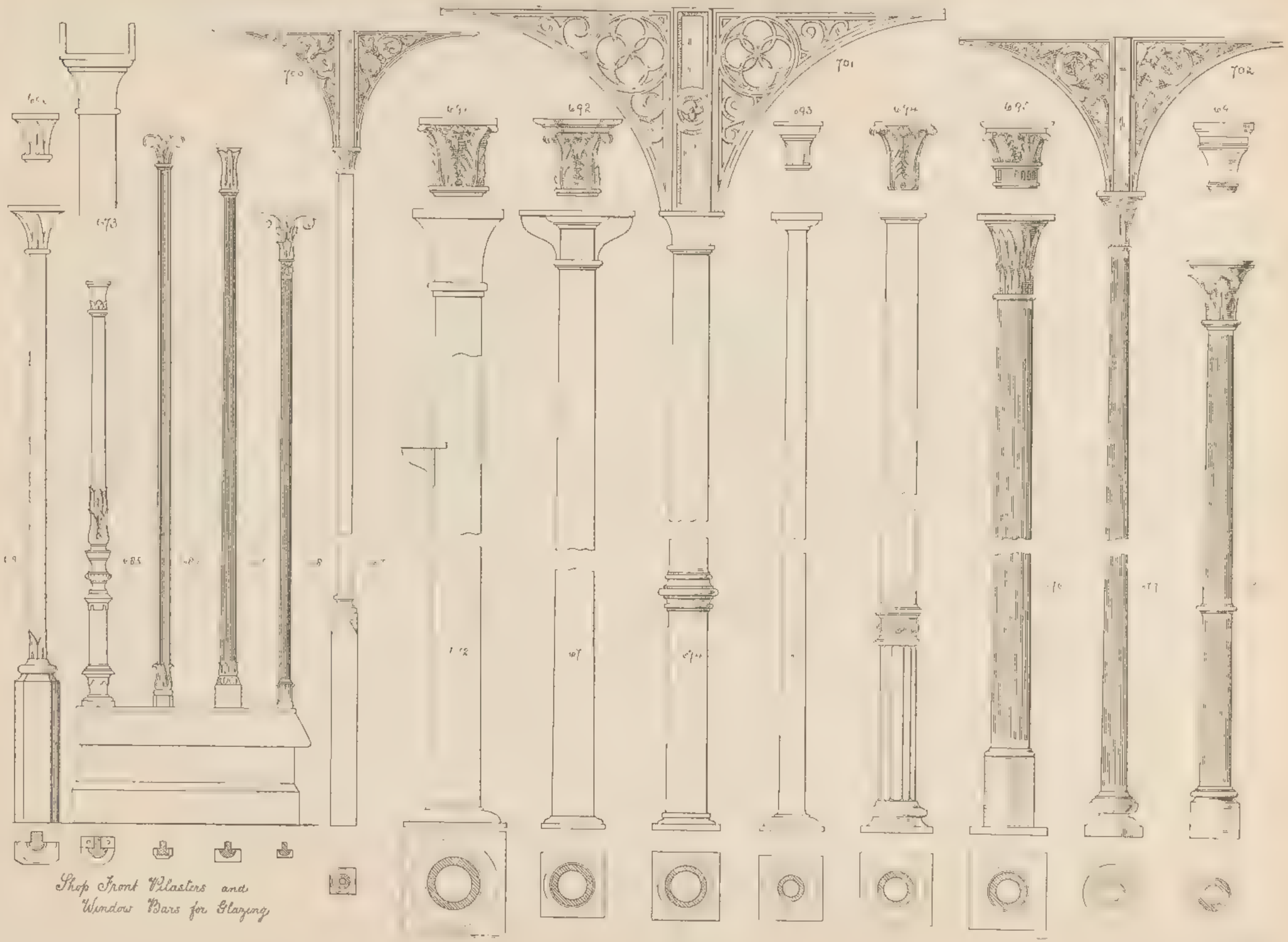
Of Extended Metal, as on page 279 Angle Iron Frame with Top Bar and Bottom Guide, Handle and Hasps for Padlock

3 ft. 0 in × 6 ft 6 in high, £2 14 0

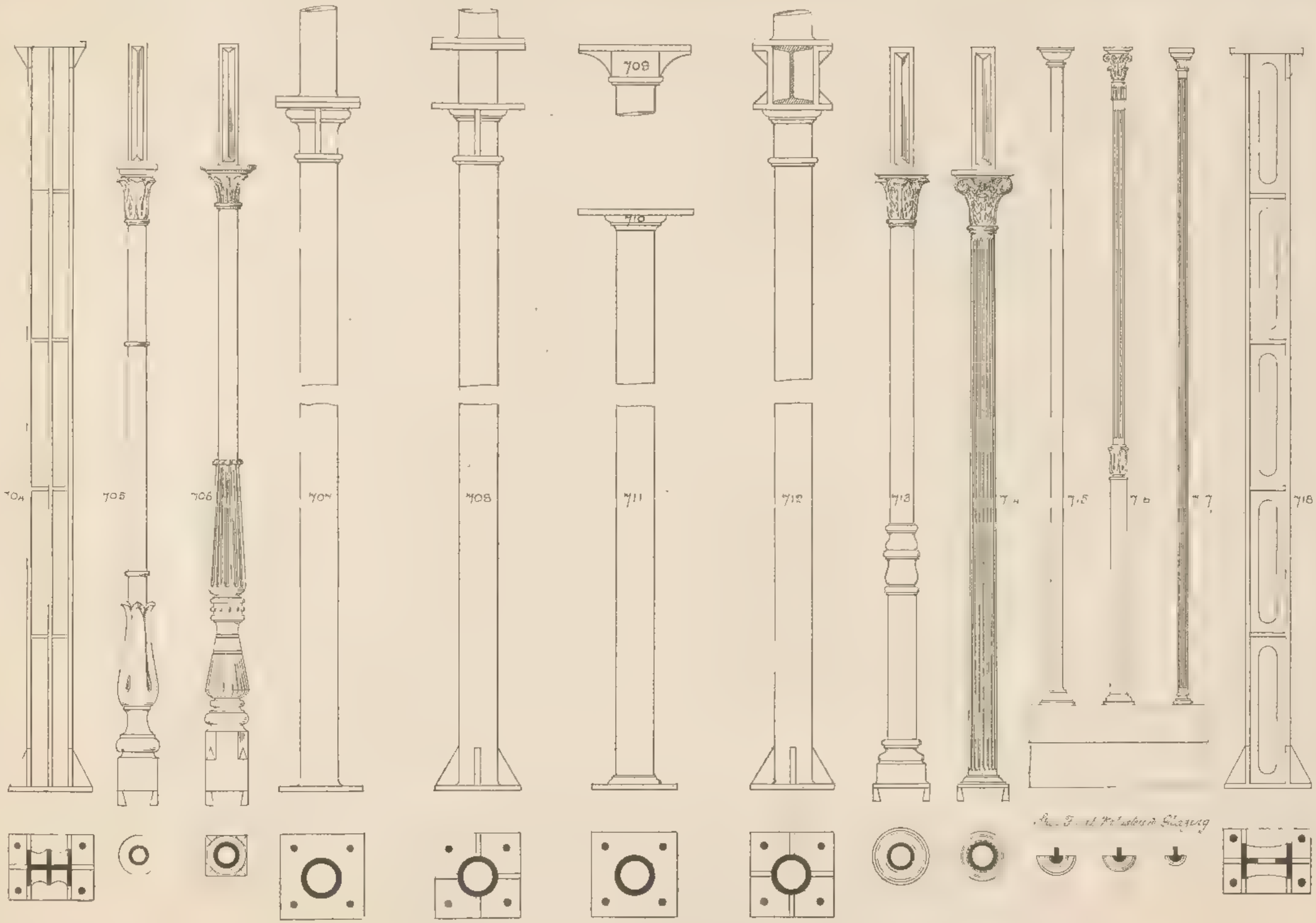
3 ft 6 in. × 7 ft. 0 in high, £3 4 6

Special prices for large quantities on receipt of requirements.

Cast Iron Columns, Brackets and Shop Front Pilasters.

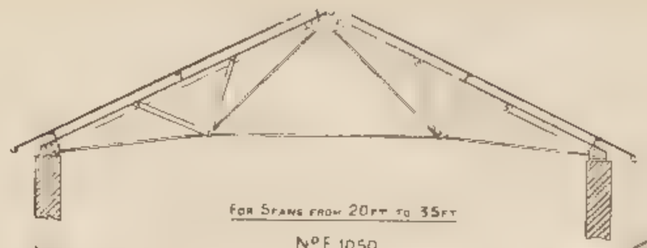


Quotations on receipt of requirements stating sizes and quantities required. Illustrations are to scale of $\frac{5}{8}$ in. 1 foot, but Nos. 680, 672, 671, 674 and 670 can be supplied to any size required.



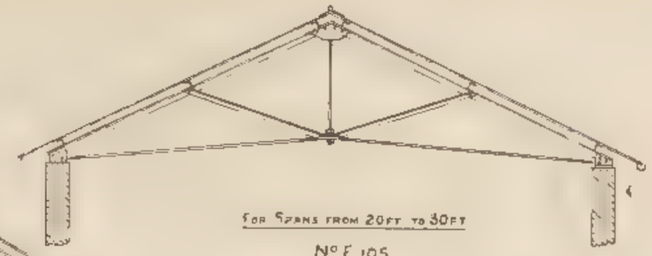
Quotations on receipt of requirements stating sizes and qualities required.
Illustrations are to scale of about ¾ inch - 1 foot, but Nos. 704, 718, 707, 708, 711 and 712 can be supplied to any sizes required.

IRON ROOFS AND PILASTERS.



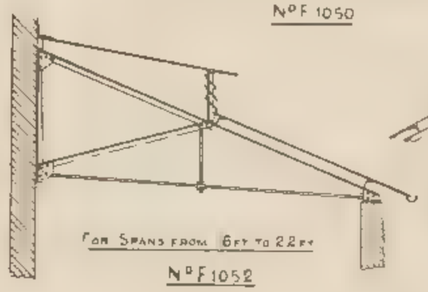
For Spans from 20ft to 35ft

No F 1050



For Spans from 20ft to 30ft

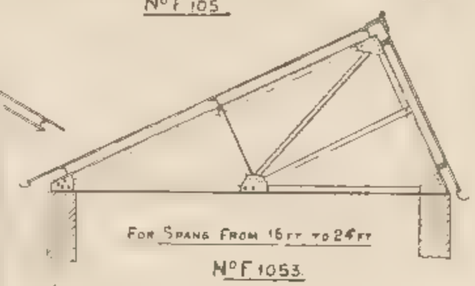
No F 105



For Spans from 16ft to 22ft

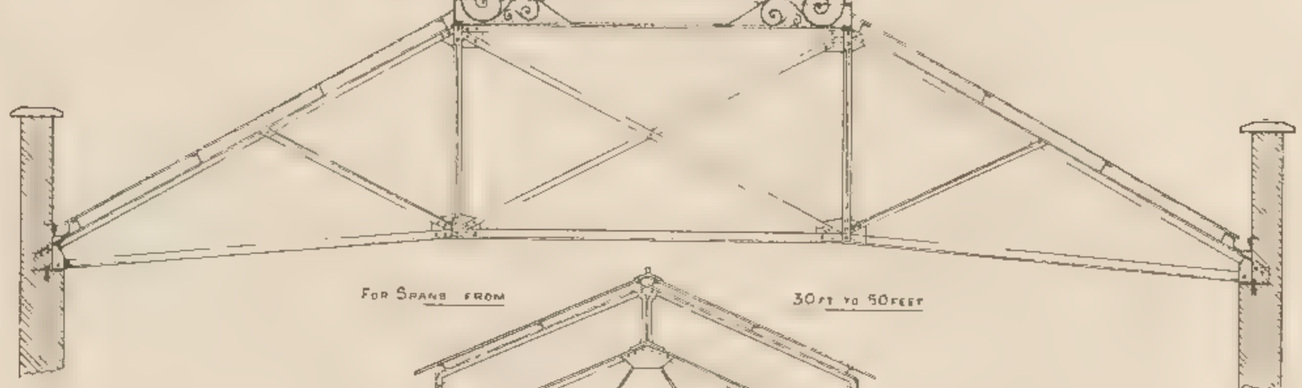
No F 1052

No F 1054

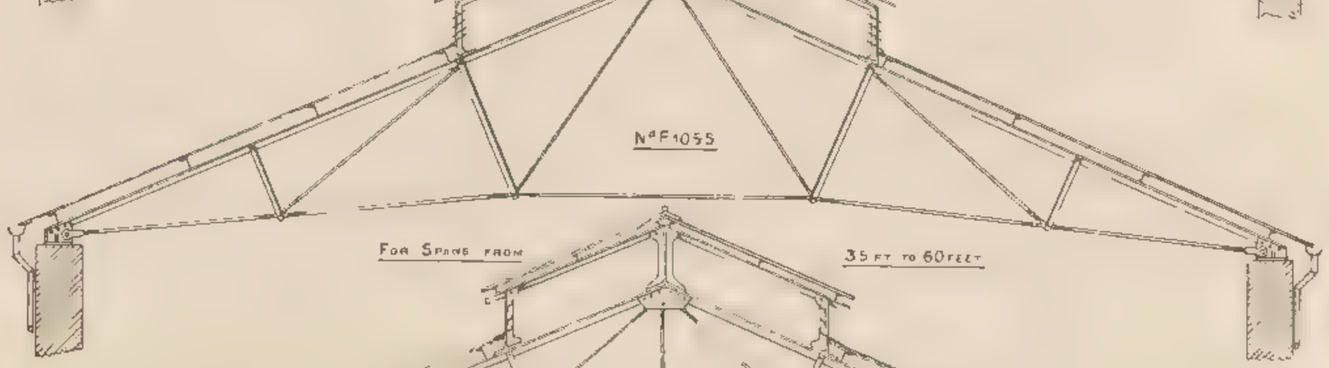


For Spans from 16ft to 24ft

No F 1053

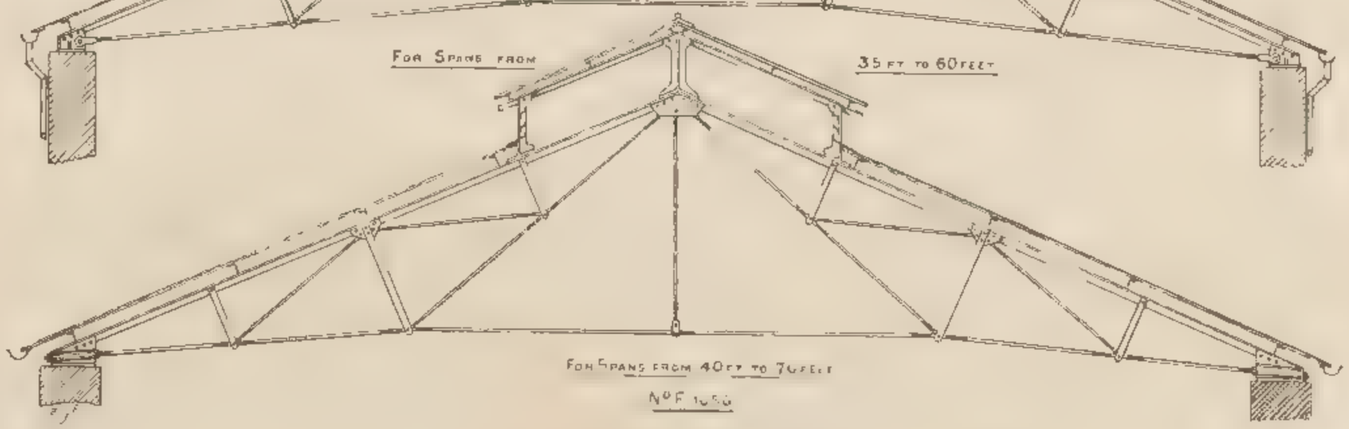


For Spans from 30ft to 50feet



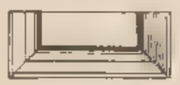
No F 1055

For Spans from 35ft to 60feet



For Spans from 40ft to 70feet

No F 1056

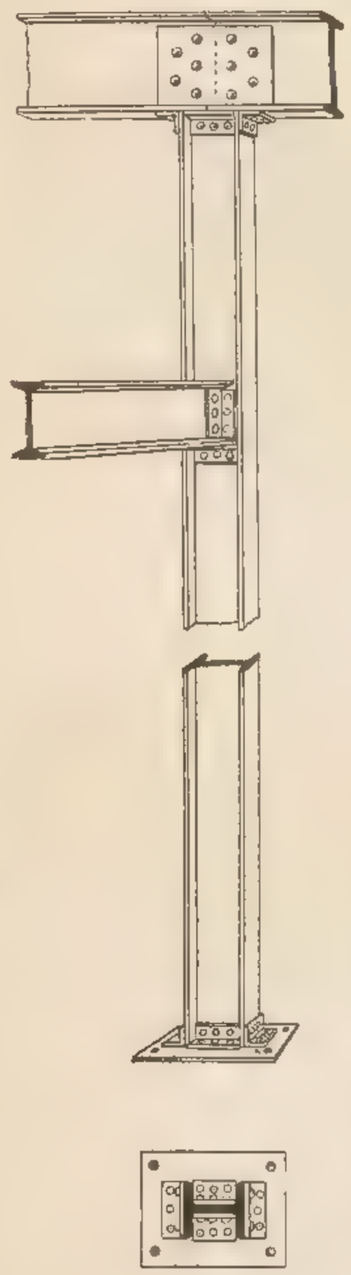


WROUGHT IRON PILASTER, with moulded cast iron cap and base

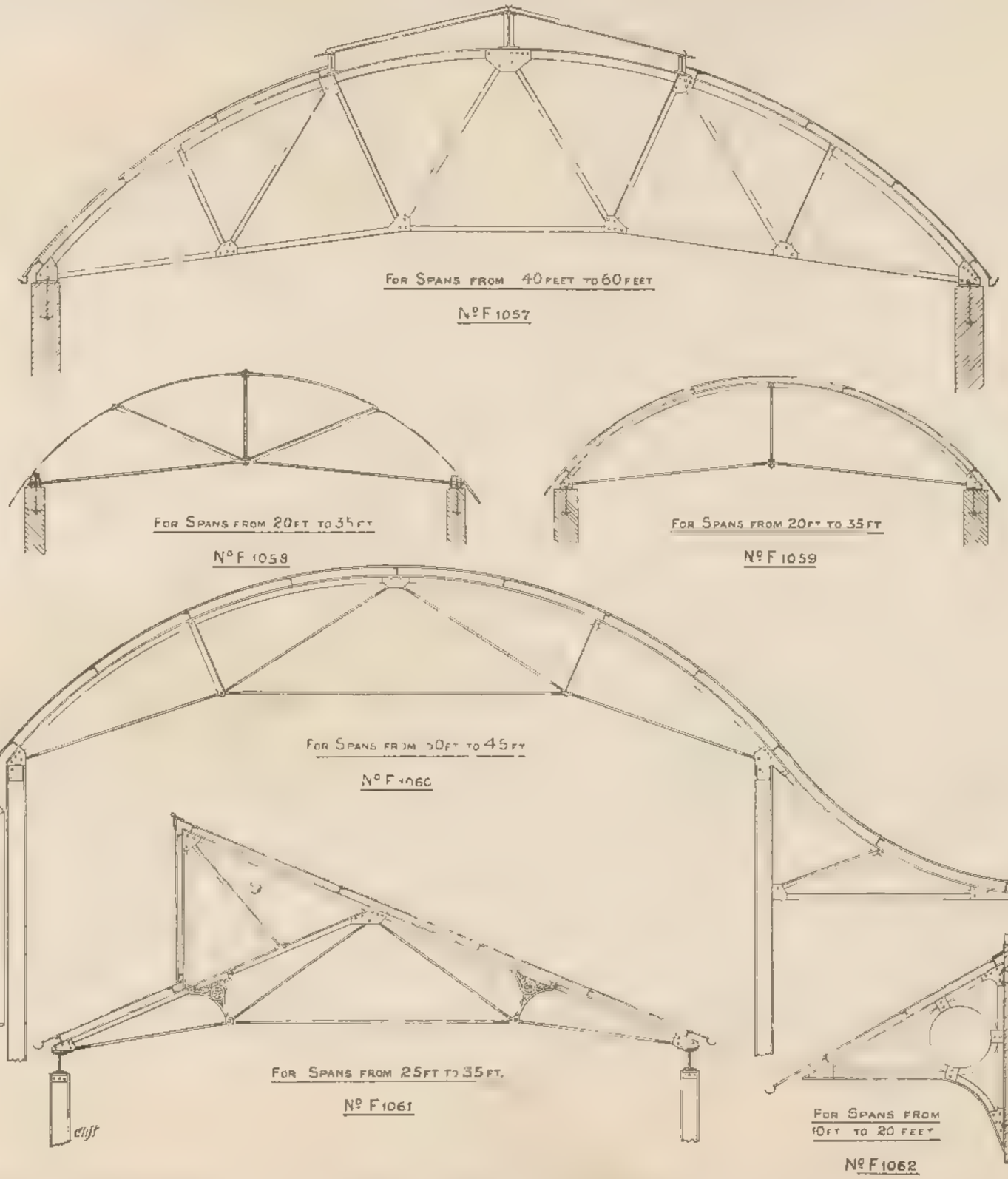
WROUGHT IRON PILASTER.

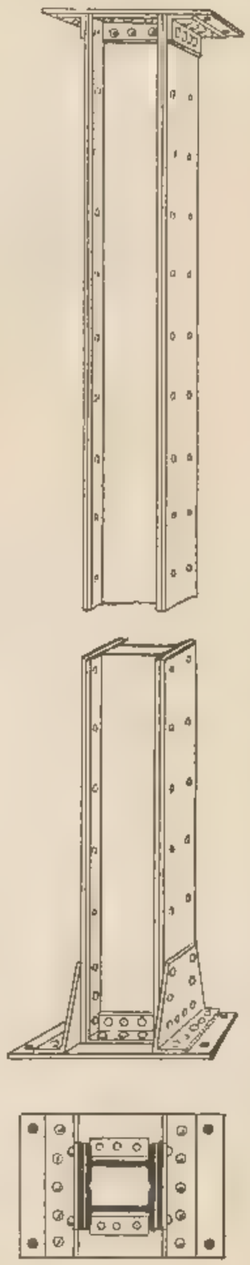
Quotations on receipt of requirements.

IRON ROOFS AND STANCHIONS.



Rolled Steel STANCHIONS, as above, made up from any of our Joist Sections.

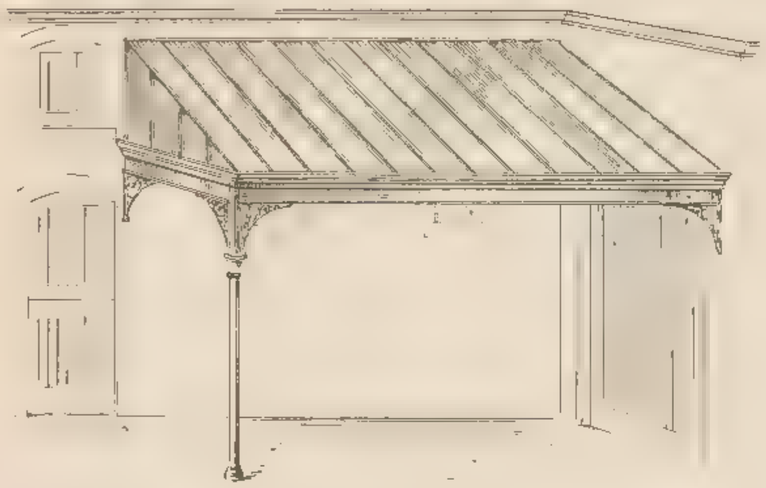




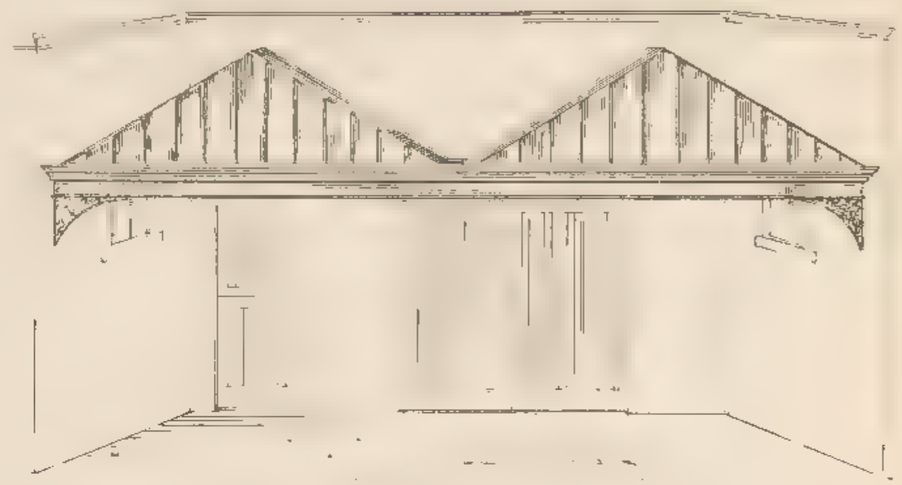
Compound Rolled Steel STANCHIONS, as above, made up from any of our Joist Sections.

Quotations on receipt of requirements.

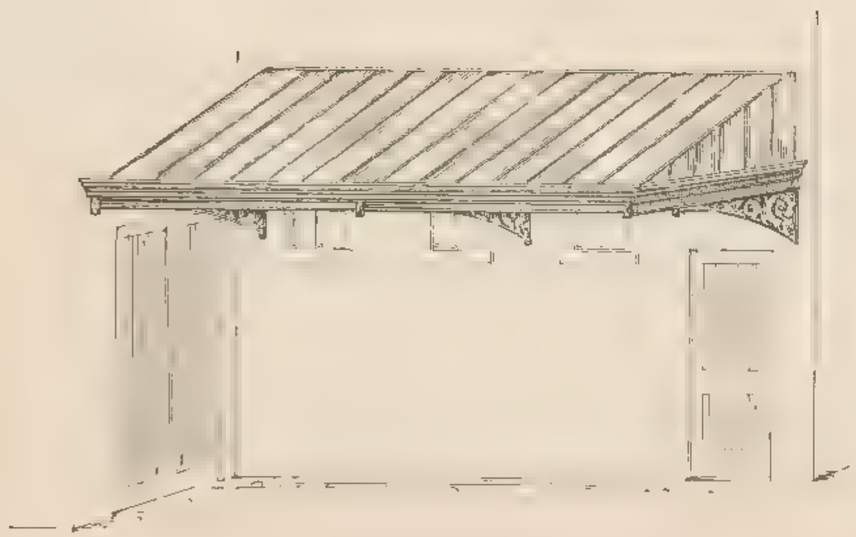
STABLE YARD ROOFS.



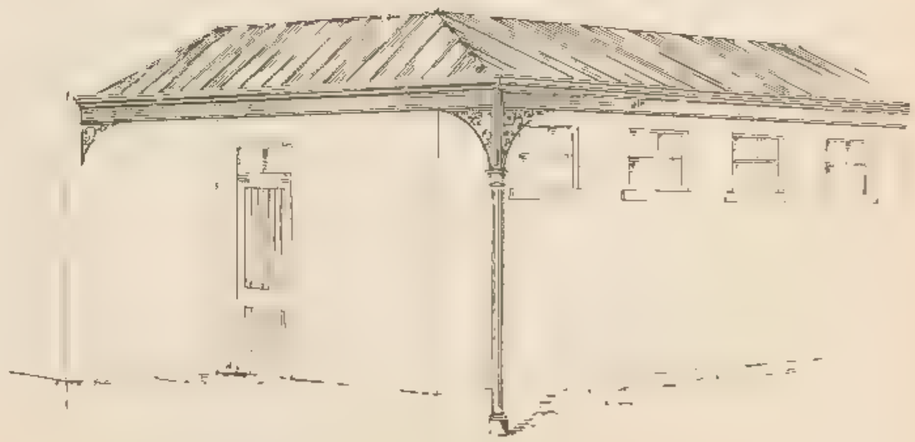
F 1070



F 10

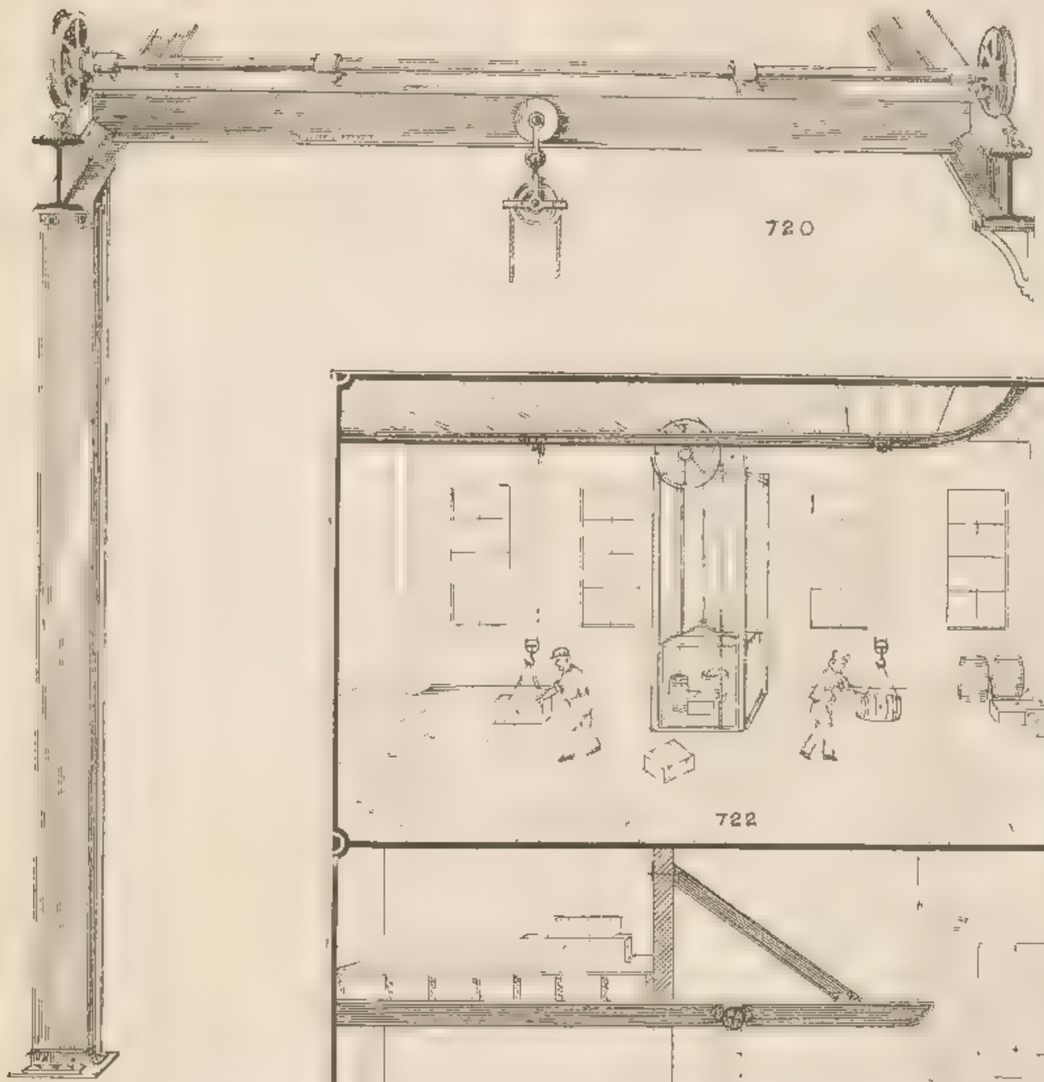


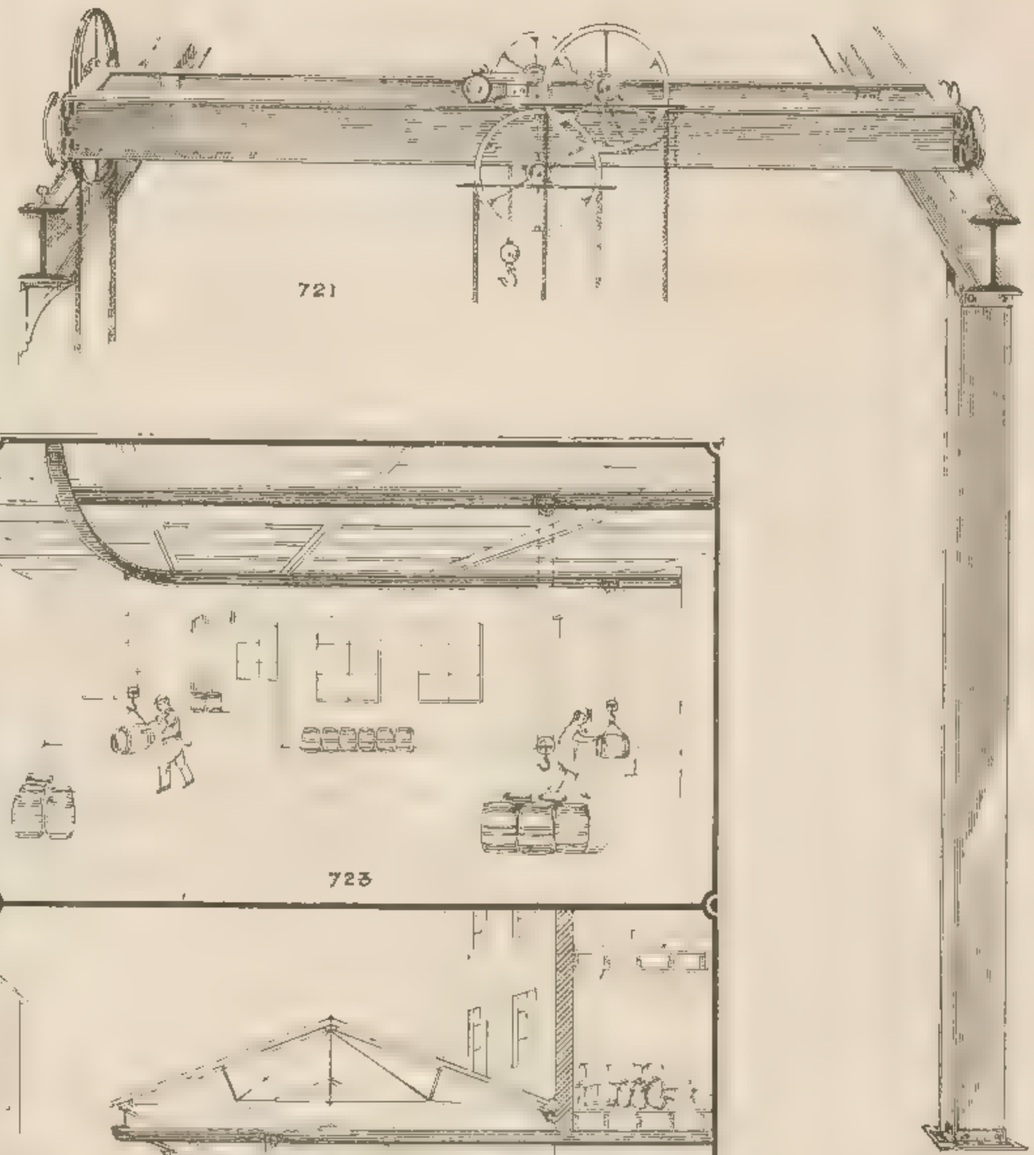
F 10 2

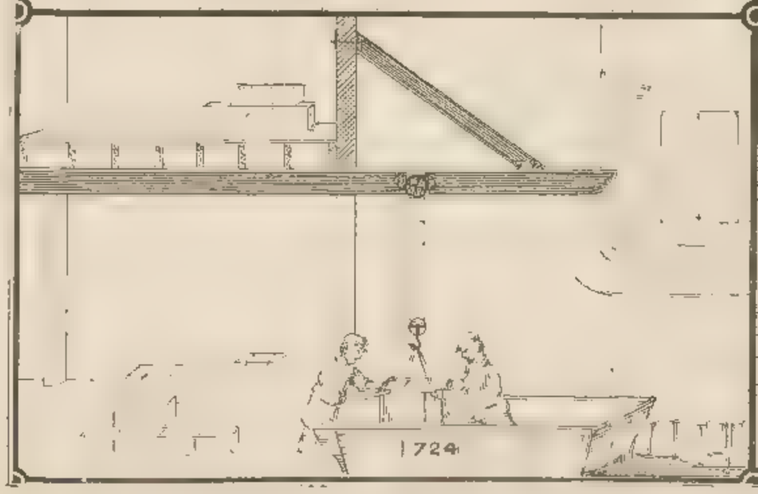


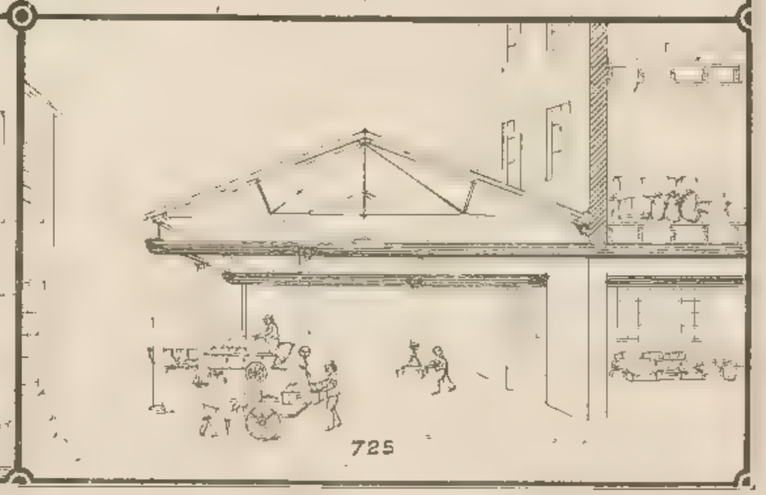
F 1073

Quotations on receipt of requirements.









Quotations on receipt of requirements.

ROLLED STEEL JOISTS.

SECTIONS OF STEEL JOISTS IN STOCK IN VARIOUS LENGTHS UP TO 36 FEET.

No 1
3" × 3", 9lbs pr. ft

Span Ft. In.	Load Tons.
6 0	2 42
8 0	1 80
10 0	1 4[illegible]
12 0	1 21
14 0	1 03
16 0	0 [illegible]

No. 2
3½" × 1½", 4½lbs. pr ft

Span Ft In	Load Tons.
6 0	[illegible]
8 0	0 [illegible]
10 0	0 73

No. 3
4" × 2", 6lbs. pr. ft

Span Ft In	Load Tons
6 0	2 [illegible]
8 0	1 02
10 0	1 2[illegible]
12 0	1 [illegible]
14 0	0 92

No. 4
4" × 3" 10½lbs pr. ft

Span Ft In	Load Tons.
[illegible]	[illegible]
8 0	[illegible]
[illegible]	[illegible]
12 [illegible]	2 16
14 0	1 87
15 0	1 62

No. 5
5" × 3" 11lbs pr ft

Span Ft In	Load Tons.
6 [illegible]	6 12
8 0	3 8[illegible]
10 0	[illegible]
12 0	2 5[illegible]
14 0	2 20
16 0	[illegible] 92
18 0	1 7[illegible]

No. 6
5" × 4½" 19lbs pr ft

Span Ft In	Load Tons
6 0	9 85
8 0	7 39
10 0	5 90
12 0	4 91
14 0	4 21
16 0	3 69
18 0	3 08
20 0	2 94

No 7.
6¼" × 2", 9½lbs. pr ft

Span Ft In	Load Tons.
6 0	5 00
8 0	3 75
10 0	3 00
12 0	2 50
14 0	2 14
16 0	1 87

No. 8
6¼" × 3⅛", 13½.bs. pr ft

Span Ft. In.	Load Tons.
6 0	7 2
8 0	5 40
10 0	4·32
12 0	3 60
14 0	3 08
16 0	2 70
18 0	2·40

No. 9
6" × 5", 24lbs pr ft.

Span Ft In.	Load Tons
8 0	1[illegible] 4[illegible]
10 0	9 [illegible]
12 0	7 61
14 0	6 52
16 0	5 69
18 0	5 07
20 0	4 56

No. 10
7" × 3¾", 16½lbs pr ft

Span Ft In	Load Tons.
8 0	8 04
1[illegible] 0	[illegible] 91
12 0	5·76
14 0	4 93
16 0	4 32
18 0	3 83
20 0	3 45

No. 11
8" × 4" 19.bs. pr ft

Span Ft In	Load Tons.
8 [illegible]	10 92
10 0	8 73
12 0	7 28
14 0	6 23
16 0	5 45
18 0	4 85
20 0	4 36
22 0	3 97

No. 12
8" × 5", 27lbs pr ft

Span Ft In	Load Tons.
8 0	16 14
10 [illegible]	12 92
12 0	10 76
14 0	9 22
16 0	8 07
18 0	7 18
20 0	6 45
22 0	5 87
24 0	5 3[illegible]

No. 13
8" × 6", 30lbs. pr ft

Span Ft. In	Load Tons.
8 0	19 78
10 0	15 82
12 0	13 18
14 0	11 30
16 0	9 88
18 0	8 78
20 0	7 90
22 0	7 19
24 0	6 58

No. 14
9¼" × 4" 21lbs. pr ft

Span Ft. In	Load Tons.
10 0	11 46
12 0	9 55
14 0	8 1[illegible]
16 0	7 [illegible]6
18 0	6 36
20 0	5 73
22 0	5 21
24 0	4 78

No. 15
9½" × 4½", 23lbs. pr. ft.

Span Ft. In.	Load Tons.
10 0	11 88
12 0	9 99
14 0	8 49
16 0	7 42
18 0	6 60
20 0	5 94
22 0	5 40
24 0	4 95

No. 22
15¾" × 6⅜" 62lbs pr ft.

Span Ft. In.	Load Tons.
10 0	55·70
12 0	46 42
14 0	39 78
16 0	34 81
18 0	30 94
20 0	27 85
22 0	25 32
24 0	23 21
26 0	21 41
28 0	19 89
30 0	18 56
32 0	17 40
34 0	16·37
36 0	15·47

No. 21
13 13/16" × 5½" 47lbs pr ft.

Span Ft. In	Load Tons.
10 0	36 81
12 0	30 67
14 0	26 30
16 0	23 1
18 0	20 44
20 0	18 40
22 0	16 73
24 0	15·33
26 0	14·15
28 0	13·14
30 0	12 27
32 0	11·50
34 0	10 82

No. 20
12" × 6", 44lbs. pr ft

Span Ft. In.	Load Tons.
10 0	31 07
12 0	25·85
14 0	22·27
16 0	19 58
18 0	17·38
20 0	15·67
22 0	14·30
24 0	13 20
26 0	12·10
28 0	11·27
30 0	10·45
32 0	9 90

No 19
12" × 5", 37lbs. pr ft

Span Ft In	Load Tons.
10 0	24 20
12 0	19 80
14 0	17 05
16 0	14 96
18 0	13 42
20 0	12 10
22 0	11 00
24 0	10 12
26 0	9 35
28 0	8 58
30 0	7 97

No. 18
10" × 6", 42lbs pr ft.

Span Ft. In.	Load Tons.
10 0	23 44
12 0	19 53
14 0	16·74
16 0	14·65
18 0	13 02
20 0	11·72
22 0	10 65
24 0	9 76
26 0	9 02
28 0	8 37

No. 17
10" × 5" 30lbs pr ft

Span Ft In	Load Tons
8 0	22 72
10 0	18 19
12 0	15·15
14 0	12·99
16 0	11·36
18 0	10·11
20 0	9 09
22 0	8 27
24 0	7·57
26 0	6 99

No. 16
9" × 7", 52lbs pr. ft.

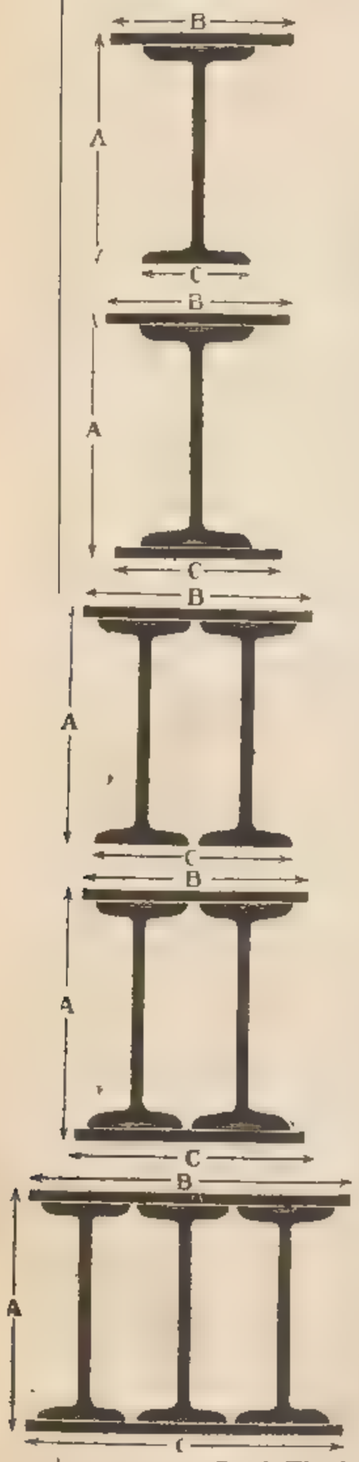
Span Ft In	Load Tons.
8 0	33·77
10 0	27 01
12 0	22 51
14 0	19 29
16 [illegible]	16 88
18 0	15·00
20 0	13 50
22 0	12 27
24 0	11 25
26 0	10 38

Above safe permanent distributed loads are calculated at one-third the breaking strain, and, unless by special arrangement, are given without guarantee Moving loads or loads applied to the centre of the beam should not exceed one half of the weight stated It is advisable that length of joists should not exceed 20 times their depth if it is desired to avoid deflection A margin of 1¼ inch more or less on length is required on stock lengths, also of 5 per cent. on weight The lengths mentioned allude to safe loads only All sections are kept in stock in various lengths up to 36 feet

Quotations on receipt of requirements stating sections and lengths required.

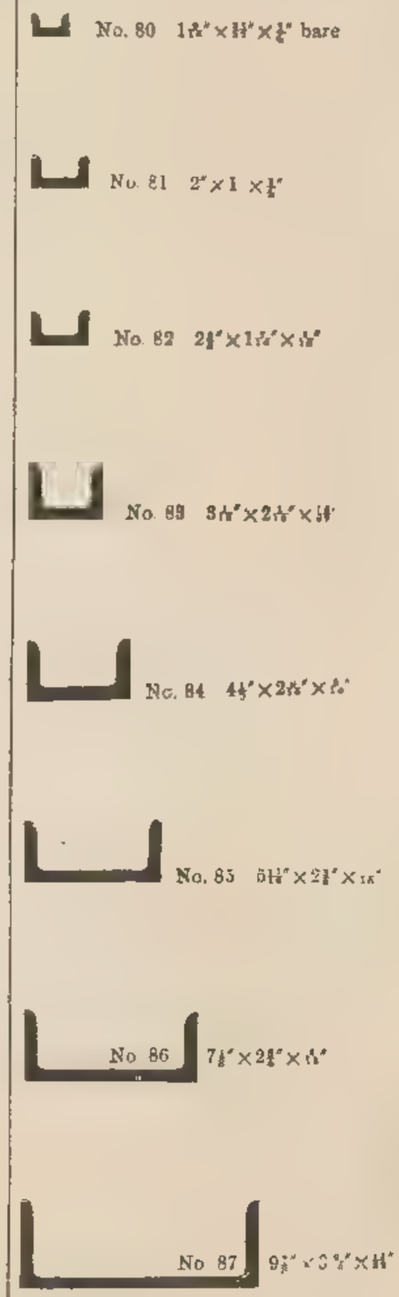
COMPOUND GIRDERS AND CHANNELS.

Safe loads of a few useful sections of **COMPOUND GIRDERS**, calculated at one-fourth the breaking strain, after deducting the weight of girder. See foot notes on page 338 respecting moving loads, etc. These or other combinations of our stock sections made up at short notice.



No	Size of Joists	Size of Plates.	Overall Dimensions A B C	Wght. per foot, in lbs.	Safe Permanent Distributed Loads in Tons. 10	12	14	16	18	20	22	24	26	28	30	32	34	feet span in clear
	lbs.																	
30	8″×4″×18½	8″×½″	8½″×8″×4″	32	12 16	10·08	8 59	7 46										
31	9¼″×4″×20½	8″×½″	9¾″×8″×4″	34	14·06	11 65	9 94	8 64	7 62									
32	10″×5″×30	9″×½″	10¼″×9″×5″	45		19 35	16 51	14 37	12 70	11 35								
33	12″×5″×36½	9″×½″	12¼″×9″×5″	51½			19·67	17·13	15 16	13 55	12 24							
34	12″×6″×44	10″×½″	12½″×10″×6″	60¾				20 78	18 32	16 32	14 68	13·3						
35	13 1/16″×5½″×47	10″×½″	14 5/16″×10″×5½″	63¾					20 10	18 00	16 25	14·80	13 56					
40	8″×4″×18½	8″×½″	9″×8″×6″	45½		20 06	17·13	14·93	13 20	11·81								
41	9¼″×4″×20½	8″×½″	10¼″×8″×6″	47¼			19·52	17·02	15·04	13·47	12·16							
42	10″×5″×30	9″×½″	11″×9″×8″	60				24·64	21 83	19·52	17·64	16 08						
43	12″×5″×36½	9″×½″	13″×9″×8″	66¼				29·15	25·81	23·12	20 92	19 07	17 50					
44	12″×6″×44	10″×½″	13″×10″×10″	77½					30·22	27·07	24·45	22·28	20·43	18·88	17·44			
45	13 1/16″×5½″×47	10″×½″	14 13/16″×10″×10″	80½						29·25	26·44	23·39	21·32	20 37	18·86	17·53		
50	8″×4″×18½	9″×½″	8¼″×9″×8″	52		17 80	15·17	13 18	11·63	10·37								
51	10″×5″×30	12″×½″	10½″×12″×10″	80			30·75	26·77	23·39	21 16	19 10							
52	12″×5″×36½	12″×½″	12½″×12″×10″	93			36·67	31 89	28 14	25 08	22·62	20·52	18 69					
53	13 1/16″×5½″×47	12″×½″	14 5/16″×12″×5½″	114				40 01	35 37	31·64	28 57	26 00	23 81	21 91	20 26			
60	8″×4″×18½	9″×½″	9″×9″×9″	67		29 32	25 03	21 80	18 72	17 25								
61	10″×5″×30	12″×½″	11″×12″×12″	100				40 82	36 12	32 33	29 22	26 62						
62	12″×5″×36½	12″×½″	13″×12″×12″	113					42 73	38·27	34·60	31·50	28·90	26 65				
63	13 1/16″×5½″×47	12″×½″	14 13/16″×12″×12″	134						46·4	41·99	38 27	35·10	32·36	29·99	27·84		
70	8″×4″×18½	14″×½″	9″×14″×14″	102¼			38 20	33 25	29 38	26 28	23 72	21 56						
71	9¼″×4″×20½	14″×½″	10¼″×14″×14″	108¼				37 95	33 53	29 97	27 03	24 57	22 46					
72	10″×5″×30	16″×½″	11″×16″×16″	141						46·30	41 84	38 11	34 93	32·19	29 8	27 68		
73	12″×5″×36½	16″×½″	13″×16″×16″	160½							40·61	45·11	41·29	38·0	35 11	32·56	30 28	

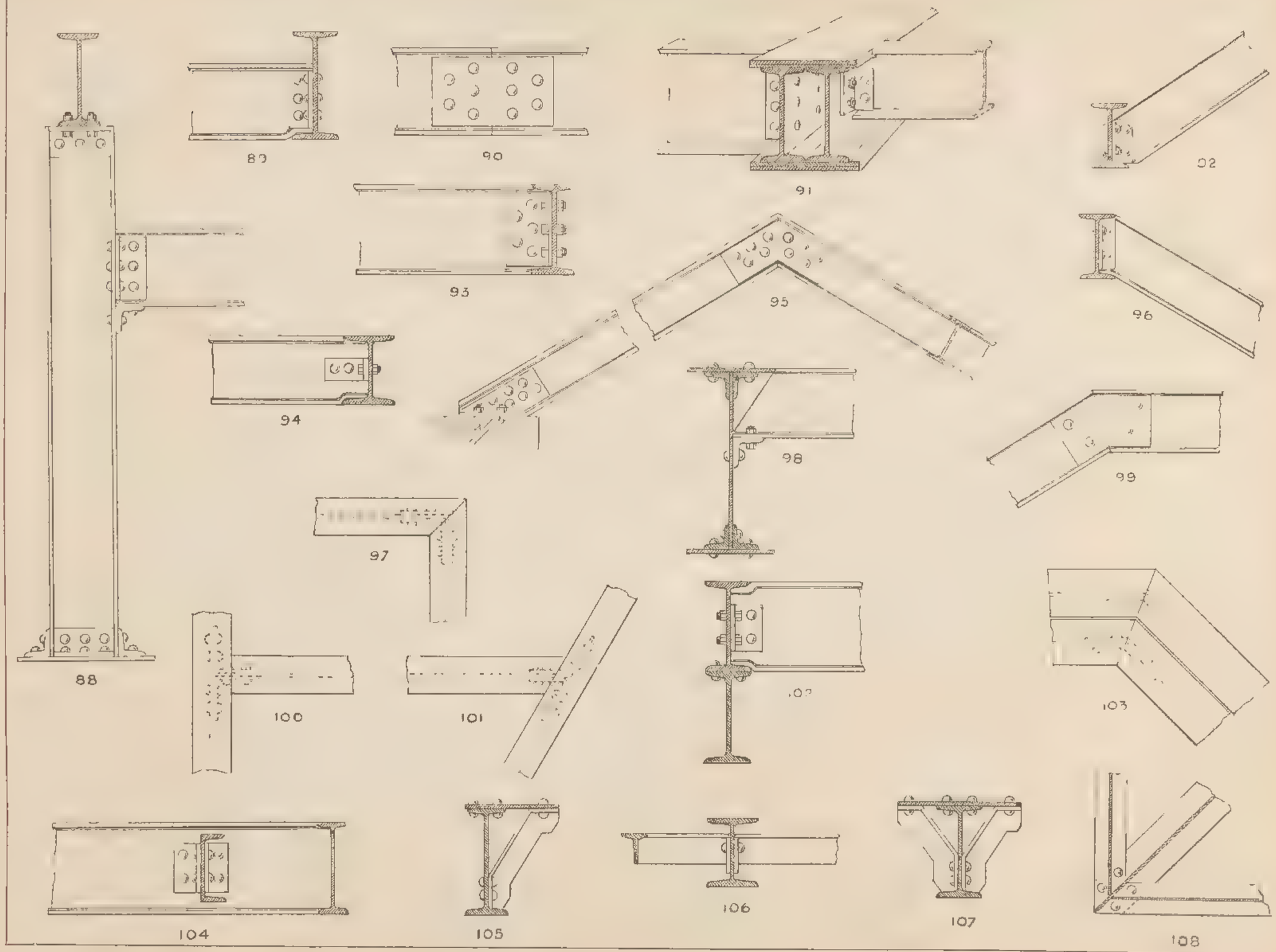
Stock Sections of Steel Channels in 30 feet lengths.



Steel Flitch Plates kept in stock, 7, 8, 9, 10, 11, 12, 14, 15, 16, 18 inch × ½ inch thick. A large selection of Angles, T's and other bars also in stock

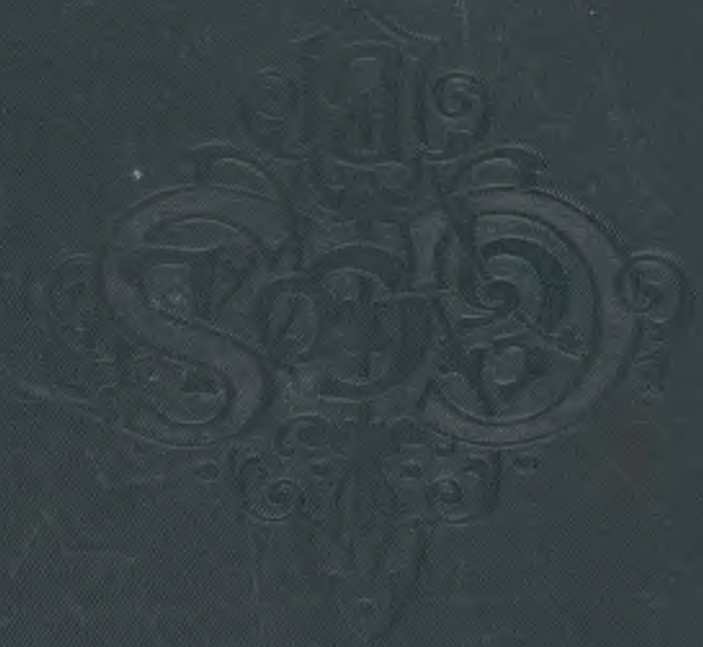
Quotations on receipt of requirements stating sections and lengths required.

CONNECTIONS FOR JOIST AND GIRDER WORK.



When specifying, please state number of connections required.

Nylon o/a 0880 $575.00 10/90



TELEGRAPHIC ADDRESS: "GARDSONS, BRISTOL."

GARDINER, SONS & CO., Limited,

Nelson Street, BRISTOL.

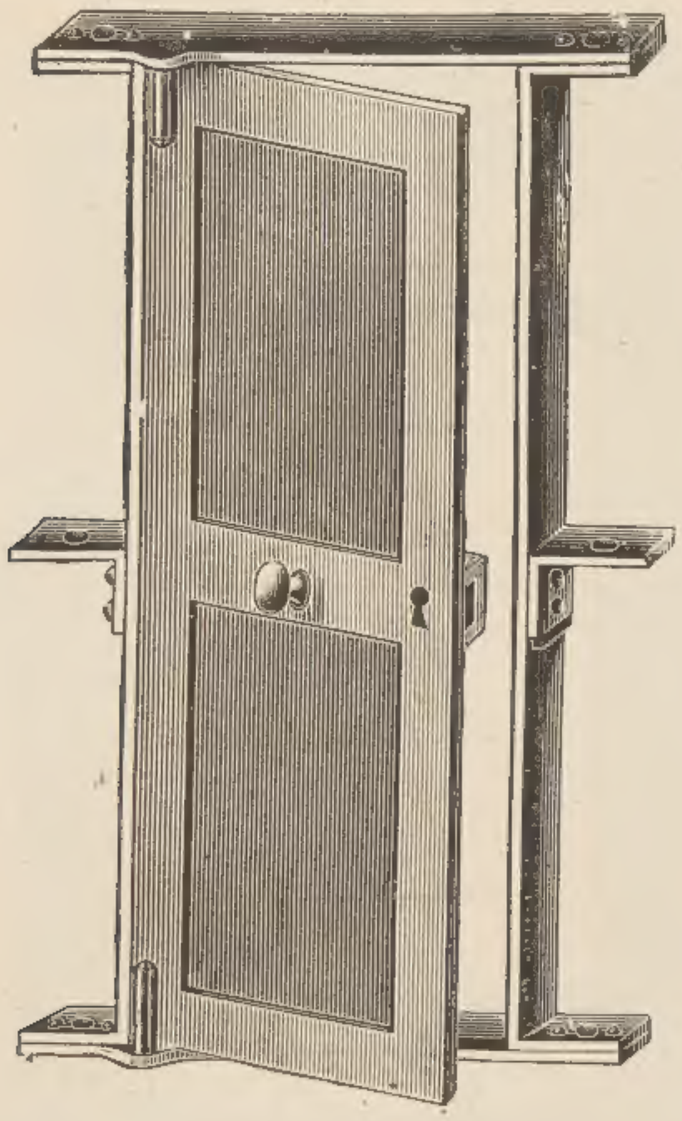
Works:—ALL SAINTS' IRON WORKS and MIDLAND IRON WORKS.

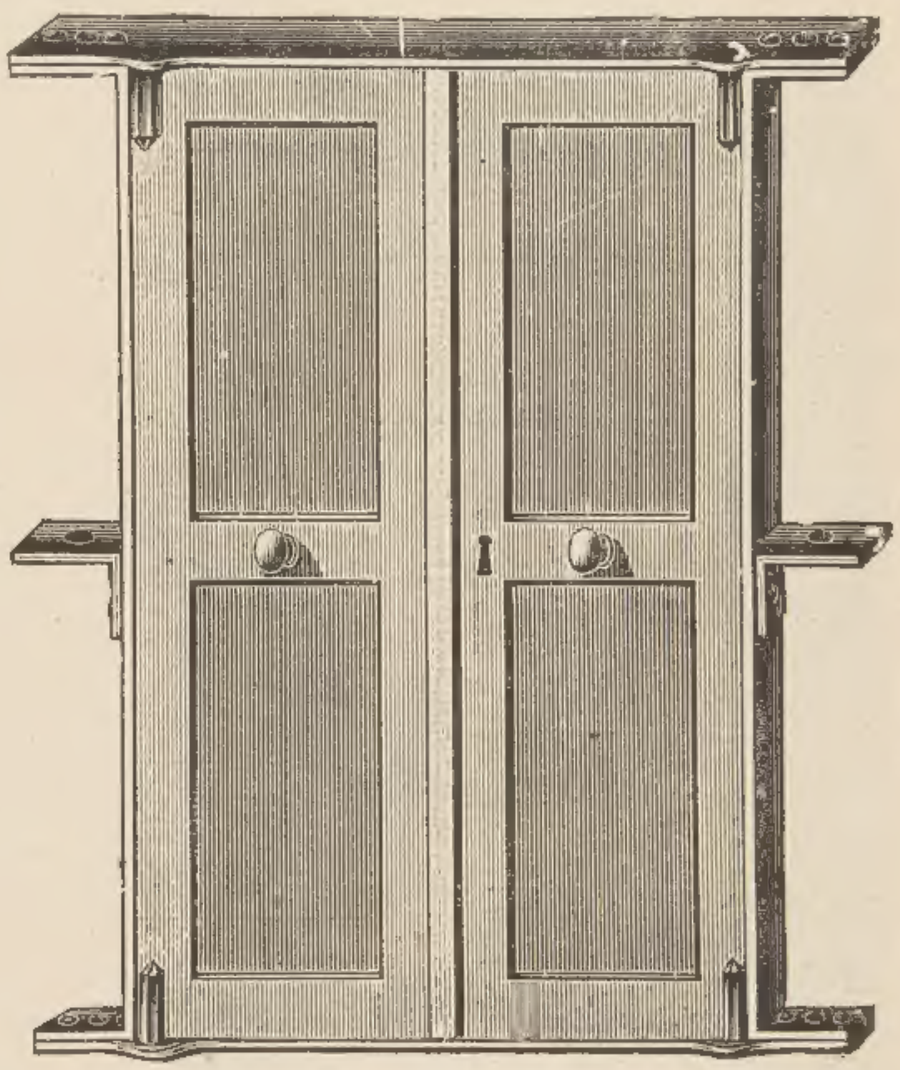
IRON DOORS

AS NOW REQUIRED BY

FIRE INSURANCE OFFICES

The Doors specified on this sheet are the only form of Iron Doors that comply with the requirements of the FIRE OFFICES COMMITTEE.





W 12.

DOORS OF ¼-inch PLATE, WITH ¼-inch PANELLING ON EACH SIDE.

Hung in Rebated Frame, thus—

6 ft. 0 in. × 2 ft. 0 in., one leaf	...	each	£5 0 0	6 ft. 6 in. × 3 ft. 6 in., two leaves	...	each	£9 10 0
6 ft. 6 in. × 2 ft. 6 in.	,,	...	,, £5 6 0	6 ft. 6 in. × 4 ft. 0 in.	,,	... ,,	£9 13 6
7 ft. 0 in. × 3 ft. 0 in.	,,	...	,, £5 18 6	6 ft. 6 in. × 5 ft. 0 in.	,,	.. ,,	£10 4 6
				7 ft. 0 in. × 5 ft. 0 in.	,,	... ,,	£10 14 6

Extra if with Angle Iron Frame, thus—

One leaf doors, **8/6** each extra; two leaf doors, **11/-** each extra.

Above prices include Two Bolts to each Leaf, as required by Fire Insurance Offices.

If Locks required in addition to Bolts they are charged extra, viz.:— Strong Ordinary, **6/-**; 2-Lever, **8/-**; 4-Lever, **10/-**

They can be made to other sizes, but— **One Leaf Doors** must not exceed 7 ft. high × 3 ft. 6 in. wide.
Two Leaf Doors ,, ,, 7 ft. high × 5 ft. 0 in. wide.

All SLIDING DOORS to conform with the Fire Offices Committee's requirements, must be METAL-COVERED DOORS, as particulars on other side.

5336-97

TELEGRAPHIC ADDRESS: "GARDSONS, BRISTOL."

GARDINER, SONS & CO., Limited,

Nelson Street, BRISTOL.

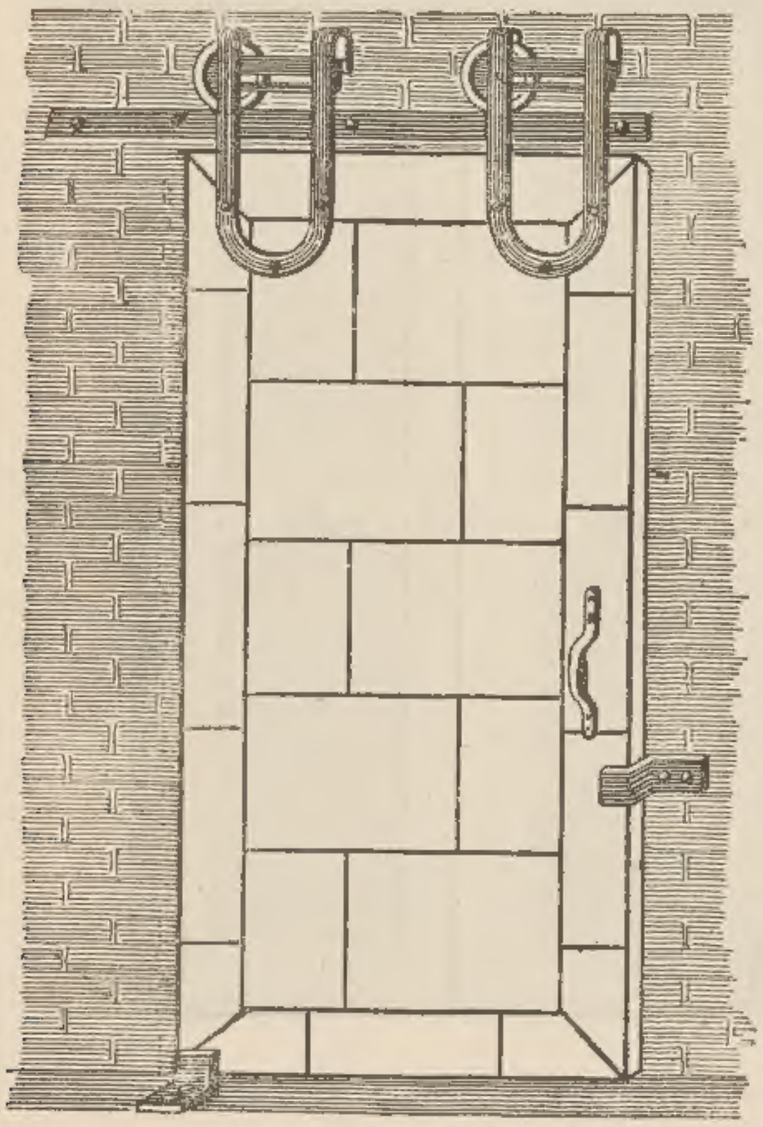
Works:—ALL SAINTS' IRON WORKS and MIDLAND IRON WORKS.

Metal-Covered Fireproof Doors

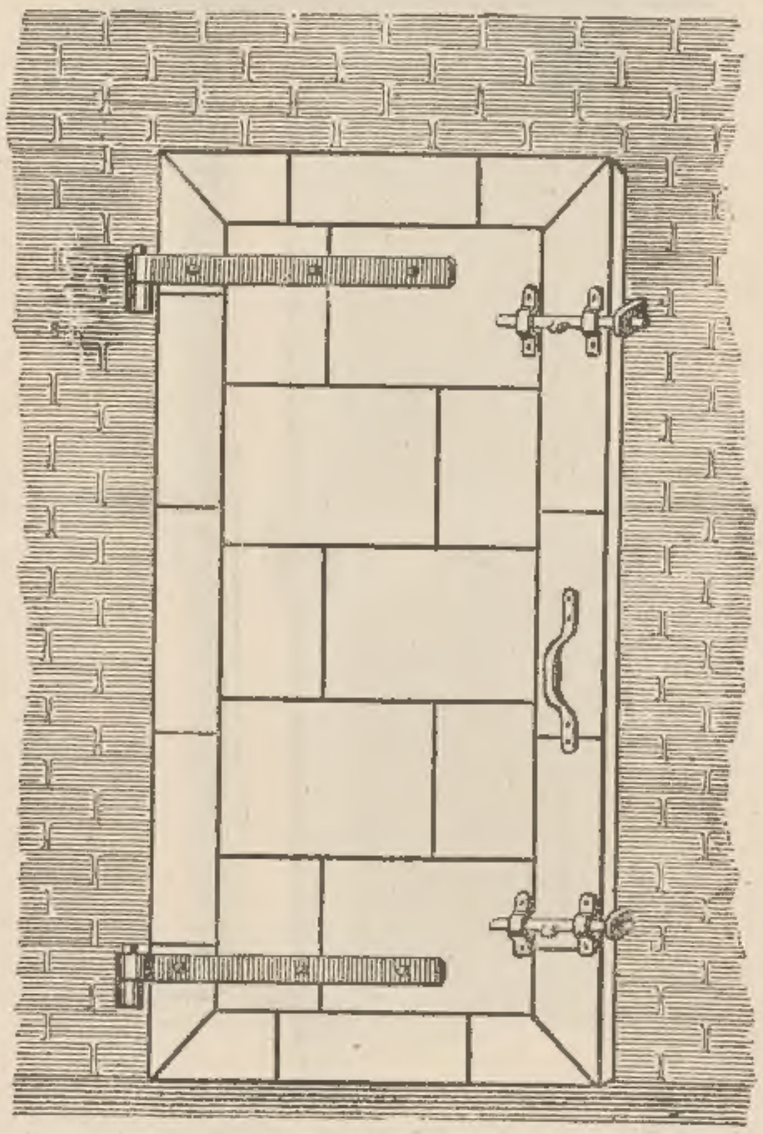
AS NOW SANCTIONED BY

FIRE INSURANCE OFFICES

This is the only kind of SLIDING DOOR which complies with the requirements of the FIRE OFFICES' COMMITTEE.



A 20



A 21.

Sliding Door with top hangings, runner bar, fixing bolts, handle, stop, and guide, complete.

For opening	6 ft.	× 2 ft.	one leaf ...	£
,,	6 ft. 6 in.	× 2 ft. 6 in.	,, ...	
,,	7 ft.	× 3 ft.	,, ...	
,,	7 ft.	× 4 ft.	,, ...	
,,	7 ft. 6 in.	× 3 ft. 6 in.	,, ...	
,,	8 ft.	× 4 ft.	,, ...	
,,	9 ft.	× 5 ft.	,, ...	
,,	6 ft. 6 in.	× 4 ft.	two leaves ...	
,,	6 ft. 6 in.	× 5 ft.	,, ...	
,,	7 ft.	× 5 ft.	,, ...	
,,	7 ft. 6 in.	× 6 ft.	,, ..	

Side-hung Door, with wrought iron hinges and hooks to lead in walls, bow handles, two bolts and staples, complete.

For opening	6 ft.	× 2 ft.	one leaf ...	£
,,	6 ft. 6 in.	× 2 ft. 6 in.	,, ...	
,,	7 ft.	× 3 ft.	,, ...	
,,	7 ft. 6 in.	× 3 ft. 6 in.	,, ...	
,,	8 ft.	× 4 ft.	,, ...	
,,	6 ft. 6 in.	× 4 ft.	two leaves ...	
,,	6 ft. 6 in.	× 5 ft.	,, ...	
,,	7 ft.	× 5 ft.	,, ...	
,,	7 ft. 6 in	× 6 ft.	,, ...	

Locks, or Flush Handles (to open sliding doors either side) extra if required.

NOTE.—Above are sizes of openings, doors overlapping three inches at top and at each side.

If bull-nose bricks are used on quoins, a further allowance must be made.

Prices of above on application, also for other sizes suitable for openings not exceeding 9 ft. high or 45 ft. super., which are the maximum limits allowed by Fire Offices Committee.